



ERIKS Lubrication Essentials

Your core lubrication range

know-how makes the difference

ERIKS

INTRODUCTION



All the lubrication you need?

ERIKS Lubrication Essentials is a range of high quality, readily available items designed to meet the most common industrial lubrication and maintenance applications.



Why Lubrication Essentials?

Feedback from our customers has indicated two common problems with lubricant supply:-

- n The ever expanding plethora of different lubricants, additives and performance claims is becoming impossible to keep up with. Also, it's easy to become blinded by the "science" of performance claims which sound too good to be true, but how do you cut through the jargon and find out if it is really the right product for your application?
- n When surveying customer stores we regularly encounter several stocked items which all do exactly the same job, multiplying our customers stock values and wasting their time managing excessive inventory.

The Concept

With this in mind we set out to define a core range of items with excellent stock availability, hand picked, by our lubrication engineers to cover as wide a range of applications as possible while always maintaining the very best in performance and compliance.

The Products

ERIKS Lubrication Essentials range meets the widest variety of applications imaginable from around 30 core items.

These are amongst our most popular products and are proven in hundreds of applications across as wide a variety of industrial sectors imaginable.

INTRODUCTION



The Key Benefits:-

n Proven performance

Hand picked, by our lubrication engineers from the leading brands.

All established popular products with an impeccable track record of performance and consistency

n Simplify and reduce inventory

Designed to cover as wide a range of applications as possible with the most manageable number of items

n Excellent availability

All stocked in volume at the ERIKS National Distribution Centre

n Ensure compliance

Products from the leading brands with all the relevant certification

When you look at it that way, it should be all the lubrication you ever need...

Products from the leading brands

Ambersil

Ambersil

Part of the CRC Industries group, a global leader in the chemical industry, Ambersil manufacture and market a wide range of maintenance, repair and overhaul (MRO) products.

Castrol

Castrol

One of the most recognised and trusted global lubricant brands, dating all the way back to 1909. Today Castrol forms the main lubricants division of global petrochemical giant BP.

OKS

OKS

Based in Maisach Germany, OKS has engineered and manufactured specialist lubricants to world-class standards for over 30 years. The German MRO market leader, OKS is part of the global Freudenberg Group.

ROCOL

Rocol

Established in 1882 as Ragsone and Company, Rocol develops and manufactures high quality lubricants and maintenance products in Leeds. ROCOL is part of ITW, a multi-national US owned, Fortune 500 company.

RX

RX

The RX range of products has been developed by ERIKS over many years of practical application engineering and development, this knowledge and understanding is designed into all of our products with the aim to increase your performance and extend reliability.

simatec
smart technologies

Simatec

An independent Swiss company who for more than 30 years have produced innovative products for the lubrication, fitting, removal and handling of bearings, gears and other mechanical components. Simatec's market leading products simplify maintenance and ensure safety at all times.

TRI-FLOW

Triflow

Triflow, a brand of Ronseal, is a market leading high quality maintenance spray used by both consumers and professionals across the UK.

WD-40

WD-40

Developed in 1953 by the Rocket Chemical Company of San Diego, California, it took 40 attempts to get their water displacing formula right and today the WD-40 Company sells to consumers and industrial markets globally.

COMPLETE ERIKS LUBRICATION ESSENTIALS RANGE

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Multi-Purpose Grease EP2



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Wide Temp Range, EP2 Bearing Grease



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Food Grade, EP Bearing Grease



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High Temp, EP2 Bearing Grease



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Multi-Purpose Maintenance Oil with PTFE



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High Performance, Maintenance Spray



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Food Grade, Maintenance Spray



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Universal Cleaner



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Silicone Spray (also for mould release)



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Copper Anti-Seize Paste



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Temporary Protective Film, Wax Based



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OKS2101-500ML

Zinc Galvanizing Spray, Permanent



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OKS2511-500ML

BEARING GREASES

Multi-Purpose Grease EP2



RX Multi-Purpose Grease EP2 is a light brown multi-textured grease utilising a lithium soap base and highly refined mineral oil. In addition, it has been fortified with additives to improve load carrying and corrosion resistance.

RX Multi-Purpose Grease is suitable for a wide range of applications within the industrial environment. Its formulation makes it especially suited for slow to medium speed bearings, in addition the incorporation of specially selected additives ensures it will protect equipment even under high loads and where moisture ingress may be a concern.

Characteristics

Appearance:	Light brown
Extreme Pressure:	Yes
Oil:	Mineral
Soap:	Lithium

Technical Specification

NGLI:	2
Temperature:	-20°C to 120°C
Base Oil Viscosity:	180 mm ² /s
4 Ball Weld Load:	2,600N
DIN Standard:	DIN 51 502: KP2K-20

Part No:

EP2-400G-RX

Also Available:

Please check stock availability for additional pack sizes



EP2-12.5KG-RX

BEARING GREASES

Wide Temperature Range, EP2 Bearing Grease

OKS 404 is a high performance lubricating grease formulated using a semi-synthetic lubricating oil and a lithium complex soap fortified with extreme pressure additives.

This provides OKS 404 with the capability to lubricate medium to high speed friction and roller bearings over a very wide temperature range and under high loads.

Characteristics

Appearance:	Light coloured
Extreme Pressure:	Yes
Oil:	Semi-synthetic
Soap:	Lithium complex

Technical Specification

NGLI:	2
Temperature:	-30°C to +150°C
Base Oil Viscosity:	100 mm²/s
Four Ball Weld Load:	2,800N
DIN Standard:	DIN 51 502: KP2P-30



Also Available: Side Lever Grease Gun

Suitable for use with 400ml cartridges

Part No: OKS5500

Part No:

OKS404-400ML

Also Available:

Please check stock availability for additional pack sizes



OKS404-1KG



OKS404-5KG



OKS404-25KG



OKS404-180KG

BEARING GREASES

Food Grade, EP Bearing Grease



OKS 479 is a high performance lubricating grease formulated to lubricate friction and roller bearings operating at medium to moderately high speeds across a very wide temperature range and under high loads.

Certified by NSF as H1 hence suitable for incidental contact with food and beverage products, additionally, consistency is NLGI 1 which provides excellent compatibility with centralised lubrication systems.

These inherent properties enable OKS 479 to be the ideal product to fulfill the majority of food and beverage manufacturing plant requirements and can therefore significantly reduce the on-site lubricant inventory.

Characteristics

Appearance:	Light coloured
Extreme Pressure:	Yes
Oil:	Polyalphaolefin (PAO)
Soap:	Aluminium complex

Technical Specification

NGLI:	1
Temperature:	-25°C to +160°C
NSF Approval:	H1 Reg No: 135675
Base Oil Viscosity:	400 mm ² /s
Four Ball Weld Load:	2,200N
DIN Standard:	DIN 51 502: KPFHC1P-20

Part No:

OKS479-400ML

Also Available:

Please check stock availability for additional pack sizes



OKS479-1KG



OKS479-5KG



OKS479-25KG

BEARING GREASES

High Temperature, EP2 Bearing Grease

OKS 422 is a high performance lubricating grease formulated to lubricate friction and roller bearings operating at high speeds and/or high temperatures. The capability to be used as a spindle bearing lubricant and also has the capability to operate at extremely low temperature.

Extremely impact and pressure resistant with excellent wear protection.

Characteristics

Appearance:	Light coloured
Extreme Pressure:	Yes
Oil:	Polyalphaolefin (PAO)
Soap:	Barium complex

Technical Specification

NGLI:	2
Temperature:	-40°C to +180°C
Base Oil Viscosity:	50 mm ² /s
Four Ball Weld Load:	4,000N
DIN Standard:	DIN 51 502: KPHC2R-40



Also Available: Side Lever Grease Gun

Suitable for use with 400ml cartridges

Part No: OKS5500

Part No:

OKS422-400ML

Also Available:

Please check stock availability for additional pack sizes



OKS422-1KG



OKS422-5KG



OKS422-25KG



OKS422-180KG

LUBRICATING OILS

Gear Oil



Castrol Alpha SP 220 & 320 are formulated using high quality solvent refined mineral oils, fortified with sulphur-phosphorous compounds to impart anti-wear and extreme pressure properties.

These gear lubricants are recommended for the use of industrial gearboxes with forced circulation or splash and oil bath lubrication and meet many major OEM approvals.

Characteristics

Appearance:	Colourless to light amber
Extreme Pressure:	Yes
Oil:	Mineral

Technical Specification

	Alpha 220	Alpha 320
ISO VG:	220	320
Temperature:	-10°C to +105°C	-10°C to +105°C
Base Oil Viscosity:	220 mm ² /s	320 mm ² /s

Part No:

CAS-ALPHASP220-20LTR
CAS-ALPHASP320-20LTR

Also Available:

Please check stock availability for additional pack sizes



CAS-ALPHASP220-208LTR
CAS-ALPHASP320-208LTR

Available in the following viscosity grades:
68, 100, 150,
460, 680.

LUBRICATING OILS

Food Grade Gear Oil

OKS 3720 is a high performance food industry gear oil formulated using synthetic hydrocarbon lubricating oil fortified with extreme pressure additives to impart anti-wear and extreme pressure properties.

These gear lubricants are recommended for the lubrication of industrial gearboxes.

Certified by NSF as H1 hence suitable for incidental contact with food and beverage products.

Characteristics

Appearance:	Colourless to yellow
Extreme Pressure:	Yes
Oil:	Polyalphaolefin (PAO)

Technical Specification

ISO VG:	220
Temperature:	-30°C to +120°C
NSF Approval:	H1 Reg. No. 135752
Base Oil Viscosity:	220 mm ² /s
DIN Standard:	DIN 51 502: CLP HC 220



Part No:

OKS3720-5LTR
OKS3720-25LTR

Also Available:

Please check stock availability for additional pack sizes



OKS3720-200LTR

Available in the following viscosity grades:
320 - OKS3725
460 - OKS3730
680 - OKS3740

LUBRICATING OILS

Hydraulic Oil



Castrol Hyspin AWS 32 & 46 premium hydraulic oils are formulated utilising turbine quality solvent refined mineral oils, fortified by an additive package to provide enhanced anti-wear, rust and oxidation properties.

Meets the requirements of the majority of hydraulic system original equipment manufacturers.

Characteristics

Appearance:	Colourless to yellow
Oil:	Mineral

Technical Specification

	Hyspin 32	Hyspin 46
ISO VG:	32	46
Temperature:	-10°C to +105°C	-10°C to +105°C
Base Oil Viscosity:	32 mm ² /s	46 mm ² /s
DIN Standard:	DIN 51 502: HLP	DIN 51 502: HLP

Part No:

CAS-HYSPINAWS32-20LTR
CAS-HYSPINAWS46-20LTR

Also Available:

Please check stock availability for additional pack sizes



CAS-HYSPINAWS32-5LTR
CAS-HYSPINAWS46-5LTR



CAS-HYSPINAWS32-208LTR
CAS-HYSPINAWS46-208LTR

Available in the following viscosity grades:
10, 15, 22, 68, 100, 180.

LUBRICATING OILS

Food Grade Hydraulic Oil

OKS 3770 is a high performance hydraulic oil for the food industry formulated using synthetic hydrocarbon lubricating oil fortified with anti-wear additives to impart anti-wear properties. Meets the specifications of the majority of the leading hydraulic system manufacturers.

Certified by NSF as H1 hence suitable for incidental contact with food and beverage products.

Characteristics

Appearance:	Colourless
Oil:	Polyalphaolefin (PAO)

Technical Specification

ISO VG:	46
Temperature:	-40°C to +135°C
NSF Approval:	H1 Reg. No. 129962
Base Oil Viscosity:	50 mm ² /s
DIN Standard:	DIN 51 502: HLP HC 46



Part No:

OKS3770-5LTR
OKS3770-25LTR

Also Available:
Please check stock availability for additional pack sizes



OKS3770-200LTR

Available in the following viscosity grades:
32 - OKS3725
68 - OKS3730

Chain Spray



OKS 671 is a high performance spray applied lubricating oil formulated with high quality solvent refined mineral oils fortified with extreme pressure and solid lubricant additives.

Especially suited for the long term lubrication of chains, guideways, pins, pivots and hinges.

Characteristics

Appearance: Light-coloured

Oil: Mineral

Additive Package: Mo_x-Active*

Solid Lubricant: White solid lubricants

**OKS developed molybdenum based extreme pressure additive*

Technical Specification

ISO VG: 46

Temperature: -30°C to +80°C

Base Oil Viscosity: 42 mm²/s

DIN Standard: DIN 51 502: CL F 46

Part No:

OKS671-400ML

Also Available:
Please check stock availability for additional pack sizes



OKS670-5LTR



OKS670-25LTR



OKS670-200LTR

LUBRICATING OILS

Food Grade Chain Spray

OKS 3751 is a spray applied high performance chain oil for the food industry, it is formulated using synthetic hydrocarbon lubricating oil fortified with selected additives and PTFE. The additive package enables OKS 3751 to provide excellent high temperature and oxidation stability, excellent wear protection and is very adherent.

Certified by NSF as H1 hence suitable for incidental contact with food and beverage products.

Characteristics

Appearance:	Whitish
Oil:	Polyalphaolefin (PAO)
Solid Lubricant:	PTFE

Technical Specification

ISO VG:	100
Temperature:	35°C to +135°C
NSF Approval:	H1 Reg. No. 124801
Base Oil Viscosity:	110 mm ² /s
DIN Standard:	DIN 51 502: CLF HC 100



Part No:

OKS3751-500ML

Also Available:

Please check stock availability for additional pack sizes



OKS3750-5LTR

LUBRICATING OILS

Compressor Oil



Castrol Aircol PD 100 is a high quality air compressor lubricating oil formulated from high quality solvent refined mineral oils and fortified with additives to impart increased resistance to thermal decomposition and component wear.

Characteristics

Appearance:	Light yellow
Oil:	Mineral

Technical Specification

ISO VG:	100
Temperature:	0°C to +110°C
Base Oil Viscosity:	100 mm²/s
DIN Standard:	DIN 51 506: VD-L

Part No:

CAS-AIRCOLPD100-20LTR

Also Available:

Please check stock availability for additional pack sizes



CAS-AIRCOLPD100-208LTR

Available in the following
viscosity grades:
32, 46, 68
150.

LUBRICATING OILS

Wire Rope Spray

Rocol Wire Rope Spray is a high performance wire rope lubricant formulated from high quality solvent refined mineral oils and fortified with selected performance enhancing additives.

It is designed to penetrate wire rope and lubricate the wire strands and core, dewater wet ropes prior to storage plus provide a resilient coating to protect the rope exterior from corrosion.

Characteristics

Appearance:	Grey fluid
Extreme Pressure:	Yes
Oil:	Mineral
Thickener:	Organically modified clay
Solid Lubricant:	Molybdenum disulphide

Technical Specification

NLGI:	00
Temperature:	-30°C (0 min application temp) to +100°C
Base Oil Viscosity:	465 mm²/s
Four Ball Weld Load:	3,000N



Part No:

ROC-WIRE ROPE SPRAY

Also Available:

Please check stock availability for additional pack sizes



ROC-WIRE ROPE-4KG



ROC-WIRE ROPE-5LTR



ROC-WIRE ROPE-18KG



ROC-WIREROPE-20LTR

OPEN GEAR LUBRICANTS

Open Gear Grease Spray



Rocol Tufgear Spray is a high performance heavy duty open gear lubricant formulated utilising a non-melting base with a high viscosity mineral lubricating oil and solid lubricants.

It is designed to withstand high loads and provide an almost dry film once cured which will both lubricate and protect the wire rope from corrosion.

Characteristics

Appearance:	Black almost dry film
Extreme Pressure:	Yes
Oil:	Mineral
Thickener:	Organically modified clay

Technical Specification

NLGI:	2
Temperature:	-10°C to +100°C
Base Oil Viscosity:	>1000 mm ² /s
Four-ball weld load:	7,845N

Part No:

ROC-TUFGEAR SPRAY

Also Available:

Please check stock availability for additional pack sizes



ROC-TUFGEAR UNI-400G



ROC-TUFGEAR UNI-5KG



ROC-TUFGEAR UNI-18KG

OPEN GEAR LUBRICANTS

Open Gear Dry Film Spray

OKS 491 is a spray applied high performance open gear lubricant formulated from graphite solid lubricant and resins to produce a dry film.

OKS 491 is ideally suited for the lubrication of slow speed open gears which may be subjected to high loads or operating in dusty environments and can also be used for the dry lubrication of wire ropes and springs.

Characteristics

Appearance:	Black
Oil:	Mineral, solvent
Additive Package:	Bitumen, natural resins
Solid Lubricant:	Graphite

Technical Specification

Temperature:	-30°C to +100°C
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Part No:

OKS491-500ML

AUTOMATIC LUBRICATORS

Single-point automatic lubricator



Simalube is a gas powered single point automatic lubricator filled with 30, 60, 125 or 250 ml of grease or oil. The patented hydrogen producing dry cells drive a piston to dispense lubricant at a consistent rate of between 1 and 12 months, which is adjustable in operation. Gas production is initiated by turning the adjustment disk on the top with a hex key or Allen key.

Features / characteristics

- 1 to 12 month dispense time
- Infinitely adjustable during operation
- Patented gas producing dry cell technology means no liquid or dangerous chemicals, no toxic waste
- ATEX approval to Zone 2
- Works in any orientation even upside down
- Grease or oil filled (oil filled units have a non-return valve)

Suitable for the lubrication of rotary bearings, linear bearings, chain, open gears, sprockets etc.



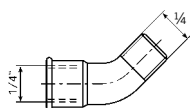
Part No.	Description	Size	Temp range	Base oil	Thickener/ Soap	DIN 51502
SIMASL24-125	Multi purpose grease with EP, NLGI 2	125	-30°C to +140°C	Mineral oil	Li/Comp.	KP2N-30
SIMASL10-125	Food industry grease, NSF H1 approved, NLGI 2 	125	-30°C to +140°C	Synthetic	Al/Comp.	KPHC2N-30
SIMASL01-125	Water resistant grease, NLGI 2	125	-30°C to +120°C	Mineral oil	Li/Ca	KP2K-30
SIMASL14-125	Chain oil	125	-10°C to +90°C	Mineral oil		CGLP68
SIMASL15-125	High temperature chain oil	125	-30°C to +250°C	Synthetic		CGLPE220-320
SIMASL18-125	Food industry oil, NSF H1 approved 	125	-15°C to +150°C	Synthetic		CLPHC220

For other sizes change suffix 125 to relevant size. i.e. SIMASL10-125 becomes SIMASL10-60

Accessories

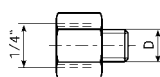
A wide range of accessories are available including; brushes for chain applications, brackets, protectors and remote connection hoses.

Bent connection 45°



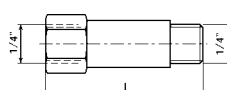
Part No: **SIMA1001**

Reducing Nipple 1/4" x



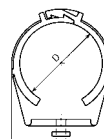
1/8" Part No: **SIMA1020**
M6 Part No: **SIMA1022**

Extension - 50mm



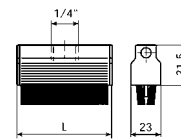
Part No: **SIMA1041**

Clamp Ø 50mm



Part No: **SIMA2010**





Brush 40mm



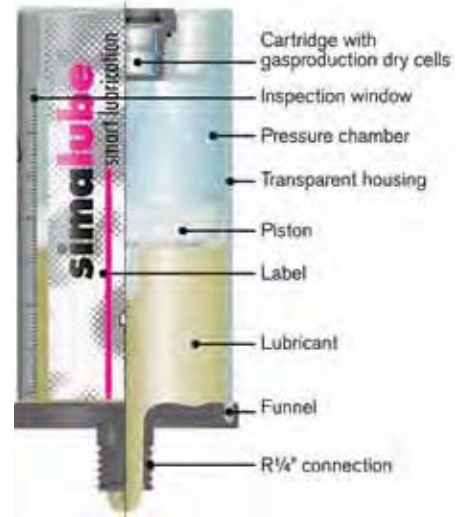
Part No: **SIMA2035**

AUTOMATIC LUBRICATORS

Technical Specification

Product:	Automatic grease and oil lubricator			
Power Generation:	Hydrogen gas producing dry cells			
Working Pressure:	Max. 5 bar			
Adjustment:	Stepless 1-12 months			
Dispensing Quantity:	0.08 - 8.3 ml/day			
Operating Temperature:	-20°C to + 55°C (unit)*			
Usage:	The lubricator can be installed in any position, even underwater. Attention: do not expose to direct heat.			
Certifications / Approvals:	<div style="display: flex; align-items: center; gap: 10px;"> <div style="text-align: center;">     </div> <div> <p>II 1G Ex ia IIC T6</p> <p>II 1D Ex iaD 20T 80°C</p> <p>I M1 Ex ia I</p> </div> </div>			
Ingress Protection:	IP68 (dustproof and waterproof) Water tight to a depth of 10m			
Usage Period:	Within 2 years of filling date			
Mounting:	Works in any orientation, even upside down			
Sizes:	30 ml	60 ml	125 ml	250 ml
Weight Full:	82 g	115 g	190 g	335 g
Weight Empty:	55 g	60 g	75 g	111 g

* Lubricant fill has a separate operating temperature, please refer to table



CalPro App now available!



You can use this handy tool to calculate dispense times for simalube at any time when you're on the move.

Calculation is based on the parameters entered for lubricating bearings, sliding bearings and chains.



Multi-Purpose WD Spray



WD-40 is the original and most widely used water displacement and maintenance fluid.

Formulated from aliphatic hydrocarbons and carefully selected additives, it can be used as a light lubricant, a releasing agent, corrosion preventive cleaner and has many more applications within the workshop environment.

Characteristics

Appearance:	Light amber
Oil:	Mineral, solvent
Additive Package:	Corrosion preventative

Technical Specification

ISO VG:	3
Temperature:	-23° to +93°C
Base Oil Viscosity:	2.8 mm ² /s
Salt Spray Test:	0-20% after 72 hours

Part No:

WD40-400ML

Also Available:

Please check stock availability for additional pack sizes



WD40-100ML WD40-600ML
WD40-200ML



WD40-5LTR



WD40-25LTR



WD40-200LTR

MAINTENANCE LUBRICANTS

Multi-Purpose Maintenance Spray with PTFE

Tri-flow is a high performance maintenance fluid formulated using mineral lubricating oil, PTFE solid lubricant and selected additives.

The addition of PTFE assists in providing a durable wear reducing lubricating film.



Characteristics

Appearance:	Light amber
Oil:	Mineral
Additive Package:	Corrosion preventative
Solid Lubricant:	PTFE

Technical Specification

ISO VG:	15
Temperature:	-53°C to + 246°C
Base Oil Viscosity:	14 mm²/s

Part No:**TRIFLOW-500ML**

Also Available:

Please check stock availability for additional pack sizes

**TRIFLOW-200ML****TRIFLOW-4LTR**

High Performance Maintenance Spray



Very high performance maintenance fluid for dismantling, lubricating and protecting metal surfaces and machine elements.

Excellent cleaning action and temporary protection against corrosion, displaces moisture.

Characteristics

Appearance:	Yellowish-transparent
Oil:	Mineral, solvent
Additive Package:	Corrosion preventative

Technical Specification

ISO VG:	3
Temperature:	-50°C to +80°C

Part No:

OKS641-500ML

Also Available:

Please check stock availability for additional pack sizes



OKS640-5LTR



OKS640-25LTR



OKS640-200LTR

MAINTENANCE LUBRICANTS

Food Grade, Maintenance Spray

High performance maintenance and lubricating oil. Tasteless and odourless, extremely high creep capacity, enters small gaps, ideal for precise lubrication. Displaces water, dissolves dirt and rust.

Certified by NSF as H1 hence suitable for incidental contact with food and beverage products.

Characteristics

Appearance:	Colourless
Oil:	White

Technical Specification

ISO VG:	15
Temperature:	-10°C to +180°C
NSF Approval:	H1 Reg. No. 124384
Base Oil Viscosity:	14 mm²/s
DIN Standard:	DIN 51 502: CL 15



Part No:

OKS371-500ML

Also Available:

Please check stock availability for additional pack sizes



OKS370-5LTR



OKS370-200LTR

MAINTENANCE CLEANERS

Universal Cleaner



A solvent degreaser for cleaning machine parts and surfaces with oily or greasy soiling. High cleaning power together with fast evaporation combine to provide residue free surfaces.

Short-term corrosion protection due to the incorporation of additives. Commonly used as a solvent cleaner for the removal of excess lubricant from lubrication points and excess adhesive from glueing points.

Characteristics

Appearance:	Colourless
Type:	Solvent
Components:	Solvent blend
Additive package:	Corrosion preventative additive

Part No:

OKS2611-500ML

Also Available:

Please check stock availability for additional pack sizes



OKS2610-5LTR



OKS2610-25LTR



OKS2610-200LTR

MAINTENANCE CLEANERS

Electrical Contact Cleaner

A fast evaporating solvent cleaner for the removal of soiling, such as oxide deposits and dust from electrical components that can cause creepage currents. Due to its fast evaporation it does not run and contains no chlorinated hydrocarbons.

Excellent for the cleaning of distribution boards, switches, relays, potentiometers, plug-in connections, sliding and screw contacts.

Characteristics

Appearance:	Colourless
Type:	Solvent
Components:	Solvent blend



Also Available: Multi Foam Cleaner

Removes firmly adhering organic soiling such as nicotine, fat and silicone films. Cleans metals, plastics, glass and rubber in the gastronomy, office and vehicle fields gently and without leaving stripes. Ideally suitable for vertical surfaces

Part No: OKS2631-400ML

Part No:

OKS2621-400ML

MAINTENANCE CLEANERS

Fast Drying Cleaner

A highly effective degreasing agent for all hydrocarbon soiling, including oil, grease, tar and bitumen. A fast and effective cleaning solvent it is an ideal alternative to Trichloroethane.



Characteristics	
Appearance:	Colourless
Type:	Solvent
Components:	Solvent blend

Part No:
AMB-AMBERKLFE10-400ML



Also Available: Industrial Degreaser

Ambersil industrial degreaser FG is a solvent degreasing product formulated from a blend of specially selected solvents. This formulation provides fast drying and high levels of solvency together with sustainability for use within the food and beverage industry.

Part No: AMB-INDEGREASERFG-500ML

Also Available:
Please check stock availability for additional pack sizes



AMB-AMBERKLFE10-1LTR
AMB-AMBERKLFE10-5LTR



AMB-AMBERKLFE10-25LTR



AMB-AMBERKLFE10-200LTR

MAINTENANCE CLEANERS

Biodegradable Cleaner

Biodegradable aqueous cleaner for removing heavy oily, greasy and sooty soiling from the majority of surfaces.

Gentle to delicate surfaces, for universal use in industry, workshops and food processing technology.

Depending on the soil to be removed can be diluted with water thereby further enhancing its cost effectiveness.

Characteristics

Appearance:	Red
Additive Package:	Surface-active agents
Type:	Water
Components:	Non-ionic and corrosion protection

Technical Specification

pH Value:	12
Biodegradability:	>85% in 28 days
Dilution Ratio:	1:5 to a maximum of 1:40
NSF Approval:	NSF A1 Reg. No. 129003



ERIKS Planet + Positive Steps for you and the planet

Planet + applies ERIKS passion for technology, manufacturing know-how and innovation in a four part approach to a better planet: reducing energy, pollution, waste and risk.

ERIKS aims to achieve the highest manufacturing standard with the lowest levels of pollution, both for ourselves and our customers by purchasing sustainably, eliminating toxic substances, and designing for minimal impact at every stage of the product life cycle.

Part No:

OKS2650-500ML

Also Available:

Please check stock availability for additional pack sizes



OKS2650-5LTR



OKS2650-25LTR



OKS2650-200LTR

SILICONE LUBRICANTS

Silicone Spray (also for mould release)



A colourless silicone spray, chemically neutral, solvent free and also displaces water. An ideal fitting aid for rubber profiles, impregnation and coating of plastic surfaces and textiles. Lubricant for use in processing plastics.

Certified by NSF as H1 hence suitable for incidental contact with food and beverage products.

Characteristics

Appearance:	Light-coloured
Oil:	Silicone

Technical Specification

Temperature:	-50°C to +200°C
NSF Approval:	H1 Reg. No. 129481
Description:	Chemically neutral, solvent free

Part No:

OKS1361-500ML

Also Available:
Please check stock availability for additional pack sizes



OKS1360-1LTR
OKS1360-5LTR



OKS1360-25LTR

SILICONE LUBRICANTS

Silicone Grease

Market leading silicone grease for fittings, seals and plastic parts. Excellent compatibility to plastics, no drying out or bleeding, tasteless, odourless and highly adhesive.

A silicone grease for a broad range of applications, including food processing.

Certified by NSF as H1 hence suitable for incidental contact with food and beverage products.

Characteristics

Appearance:	Transparent
Oil:	Silicone
Thickener:	Inorganic

Technical Specification

NLGI:	3
Temperature:	-40°C to +200°C
NSF Approval:	H1 Reg. No. 124381
Base Oil Viscosity:	9,500 mm ² /s
DIN Standard:	DIN 51 502: MSI3S-40



Part No:

OKS1110-100G
OKS1110-500G
OKS1111-500ML

Also Available:

Please check stock availability for additional pack sizes



OKS1110-100G



OKS1110-500G



OKS1110-25KG



OKS1110-180KG

METAL WORKING LUBRICANTS

Cutting Oil



A high performance cutting oil suitable for the majority of machining operations on all metals. Excellent metal compatibility and chlorine free.

The formulation is suitable for a wide range of cutting speeds and will produce both extended cutting tool life and optimum work-piece surface finish.

Characteristics

Appearance:	Light coloured
Extreme Pressure:	Yes
Oil:	Mineral

Technical Specification

ISO VG:	22
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Part No:

OKS391-400ML



Also Available: Ambersil Tufcut

Ambersil Tufcut spray is a specialist metal cutting lubricant based on a mixture of extreme pressure additives and antioxidants. It has been formulated as an instant, ready to use metal machining lubricant with high film-strength and resistance to extreme pressure.

Part No: AMB-TUFcut SPRAY-400ML

Also Available:

Please check stock availability for additional pack sizes



OKS390-250ML



OKS390-5LTR



OKS390-25LTR



OKS390-200LTR

LEAK DETECTORS

Leak Detector Spray

Allows the location of leaks on pressurised lines, fittings and containers. For use on pneumatic, oxygen and gas systems as well as refrigeration systems. Formation of bubbles indicates loss of gas. For universal use, non-toxic.

When using on polyamide lines, wash off product with water afterwards.

Characteristics

Appearance:	Colourless
Base Fluid:	Water
Additive Package:	Surfactant and corrosion protection

Technical Specification

Temperature:	up to + 80°C
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Part No:

OKS2801-400ML

ANTI-SEIZE PASTES

Copper Anti-Seize Paste

For screws, bolts and sliding surfaces subjected to high temperatures, water or salt water. Prevents binding together, rusting and seizing during assembly.

Highly adhesive with excellent corrosion protection.



Characteristics

Appearance:	Copper coloured
Oil:	Synthetic
Soap:	Lithium
Additive Package:	Corrosion preventative
Solid Lubricant:	Copper powder

Technical Specification

Temperature:	-30°C to +150°C / 1,100°C lubrication / separation
Press Fit:	$\mu = 0.15$
Four-ball weld load:	2,600 N
Thread Friction:	(M10/8.8): $\mu = 0.15$

Part No:

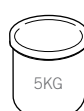
OKS245-250G

Also Available:

Please check stock availability for additional pack sizes



OKS245-1KG



OKS245-5KG



OKS245-25KG

ANTI-SEIZE PASTES

Food Grade Anti-Seize Paste

For screws, bolts and sliding surfaces that are subjected to high pressures, high temperatures at low speeds or oscillating movements. Prevents binding together and rusting. Metal-free, highly adhesive. A universal high-temperature assembly paste, also for use in food processing industry.

Certified by NSF as H1 hence suitable for incidental contact with food and beverage products.

Characteristics

Appearance:	Light grey
Oil:	Polyglycol
Thickener:	Silicate
Solid Lubricant:	White solids

Technical Specification

Temperature:	-30°C to +160°C / 1,200°C lubrication / separation
NSF Approval:	NSF H1 Reg. No. 135748
Press Fit:	$\mu = 0.12$
Thread Friction:	(M10/8.8): $\mu = 0.15$



Part No:

OKS252-250G

Also Available:

Please check stock availability for additional pack sizes



OKS252-1KG



OKS252-5KG

CORROSION PROTECTION

Temporary Protective Film, Wax Based



A temporary wax-based corrosion protection film for storage and shipping of machine parts with bare metal surfaces.

Non-tacky transparent film, easy to remove but can be left on due to good compatibility with lubricants.

Characteristics

Appearance:	Light-coloured
Oil:	Solvent
Additive Package:	Corrosion preventative

Technical Specification

Temperature:	-40°C to +70°C
Salt Spray Test:	1000 hours with 50 µm layer thickness

Part No:

OKS2101-500ML

Also Available:

Please check stock availability for additional pack sizes



OKS2100-5LTR



OKS2100-25LTR



OKS2100-200LTR

CORROSION PROTECTION

Zinc Galvanizing Spray, Permanent

Cathodic corrosion protection based on highly pure zinc powder for ferrous metals. For touching up galvanised surfaces, also suitable as adhesive primer for coating systems.

Fast-drying, commonly used in steel construction also works in air conditioning technology.

Characteristics

Appearance:	Zinc grey
Oil:	Solvent
Additive Package:	Synthetic resin mixture

Technical Specification

Temperature:	up to +400°C
Salt Spray Test:	500 hours with 70 µm layer thickness



Part No:

OKS2511-500ML

GLOSSARY

Additives	A substance (either soluble or insoluble) added to produce or enhance certain desirable properties of the lubricant. Dry or solid lubricants may be added with the objective to maintain lubrication even when the primary lubricant (oil or grease) had displaced or evaporated. <i>See also Anti-foam additive, Anti-wear additive, EP additive, Inhibitor.</i>		Test 1 A constant load is applied to a rotating ball to 3 static balls for a fixed period of time which are then inspected for the size of “wear scar”.																																						
Animal oil	Oil derived from animal material, such as lard oil or lanolin from sheeps wool.	Graphite	A common type of lubricant that consists of a form of carbon, which when finely pulverised has lubricating properties either by itself or as a load-carrying component suspended in conventional lubricants. <i>See also solid lubricants.</i>																																						
Anti-foam additive	Chemical added to oils to reduce the foaming that results from aeration. <i>See also Additive.</i>		Test 2 The load is increased until the rotating ball seizes and welds to the other 3 generating the “weld point”, which is the final load applied. <i>See also EP (Extreme Pressure) Additive.</i>																																						
Anti-wear additive	Chemical added to oils to reduce friction and excessive wear. Generally acts by reacting with metal surfaces to provide a protective layer. <i>See also Additive.</i>	Grease	A solid to semi-fluid lubricant consisting of a “thickener” dispersed within a lubricating base oil. The lubricating grease may be the product of a chemical reaction(s) as in soap based greases. Or the result of a more simple mixing process as with non-soap based greases. <i>See also NLGI Grade, Base Oil Viscosity and Thickener.</i>																																						
Aqueous cleaner	Water based cleaner possibly with active additives / detergents.																																								
Base Oil	<i>Refer to Oil.</i>	Inhibitor	Controls certain undesirable phenomenon in lubricants or fuels. e.g. oxidation/rust inhibitor. <i>See also Additives.</i>																																						
Base oil viscosity	Terminology used primarily to reference the viscosity of the lubricating oil component within a grease or paste. <i>See also Viscosity.</i>	ISO	International Organisation for Standardisation.																																						
Biodegradability	Chemical degradation of materials by bacteria or other biological means meaning the substance returns to more basic components.	ISO VG grade	A system of measuring and standardising viscosity grades for industrial lubricants as determined in ISO Standard 3448. There are 18 ISO VG grades, the higher the number, the more viscous the liquid. Note: As the temperature increases, the viscosity decreases and vice versa.																																						
Breakaway torque	Rotational force required to begin rotary motion associated with a screwed or threaded connection. <i>See Also White Paste, Press-Fit Test, Thread Friction Coefficient.</i>		<table><tr><th>ISO VG Grade</th><th>Viscosity at 40°C (measured in cSt or mm²/s)</th></tr><tr><td>ISO VG 2</td><td>2.2</td></tr><tr><td>ISO VG 3</td><td>3.2</td></tr><tr><td>ISO VG 5</td><td>4.6</td></tr><tr><td>ISO VG 7</td><td>6.8</td></tr><tr><td>ISO VG 10</td><td>10</td></tr><tr><td>ISO VG 15</td><td>15</td></tr><tr><td>ISO VG 22</td><td>22</td></tr><tr><td>ISO VG 32</td><td>32</td></tr><tr><td>ISO VG 46</td><td>46</td></tr><tr><td>ISO VG 68</td><td>68</td></tr><tr><td>ISO VG 100</td><td>100</td></tr><tr><td>ISO VG 150</td><td>150</td></tr><tr><td>ISO VG 220</td><td>220</td></tr><tr><td>ISO VG 320</td><td>320</td></tr><tr><td>ISO VG 460</td><td>460</td></tr><tr><td>ISO VG 680</td><td>680</td></tr><tr><td>ISO VG 1000</td><td>1000</td></tr><tr><td>ISO VG 1500</td><td>1500</td></tr></table>	ISO VG Grade	Viscosity at 40°C (measured in cSt or mm²/s)	ISO VG 2	2.2	ISO VG 3	3.2	ISO VG 5	4.6	ISO VG 7	6.8	ISO VG 10	10	ISO VG 15	15	ISO VG 22	22	ISO VG 32	32	ISO VG 46	46	ISO VG 68	68	ISO VG 100	100	ISO VG 150	150	ISO VG 220	220	ISO VG 320	320	ISO VG 460	460	ISO VG 680	680	ISO VG 1000	1000	ISO VG 1500	1500
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ISO VG 460	460																																								
ISO VG 680	680																																								
ISO VG 1000	1000																																								
ISO VG 1500	1500																																								
Cleaners	A material which is designed to remove soiling (dirt) from a substrate (surface).																																								
Consistency	The degree to which grease resists deformation under the application of a force, roughly equates to softness or hardness of the grease.																																								
Copper paste	Copper powder suspended in a lubricant. Prevents direct metal-to-metal contact and seizing of parts.																																								
Corrosion preventative	A substance, usually a coating designed to prevent a metallic surface from a corrosive reaction with the surrounding environment.																																								
COSHH regulations	Control of Substances Hazardous to Health - Legislation requiring employers to control (prevent or reduce workers exposure to) substances that are hazardous to health by:- risk assessment, training, planning for emergencies etc.	Lubricant	A substance used to reduce friction and wear between two moving surfaces. A lubricant can be fluid, semi-fluid or solid and depending on specification can: Control friction, control wear, prevent corrosion, transfer heat (cool), seal and keep out contaminants, carry away contaminants, dampen shock, reduce noise levels, transmit power (i.e. hydraulics).																																						
DIN Standard	Deutsches Institut Für Normung, the German Institute for Standardisation.																																								
Dry film lubricant	A dry lubricant coating applied either directly or suspended in a carrier. The carrier is not intended to have lubricating properties and is purely to facilitate application of the solid lubricant. <i>See also Solid lubricant.</i>	Maximum and minimum temperature	Total operating window of the lubricant. Consistently operating at the extremities can adversely affect the operating life. <i>See also Operating Temperature.</i>																																						
EP (Extreme Pressure) additive	An additive designed to minimise the tendency of metal surfaces to weld and seize under conditions of extreme localised loads. <i>See also Additives.</i>	Micro-welding	When two metals of similar melting points rub together, hot spots on the two metals will melt together creating a temporary bond. This will then be pulled apart by the relative motion of the two surfaces causing material to break away resulting in surface damage.																																						
Film thickness	Recommended minimum thickness of coating to give reliable protection. <i>See also Corrosion Preventative.</i>																																								
Food grade lubricants	In most cases produced from raw materials approved by the Food and Drug Administration (FDA) commonly classified as NSF H1 or H2. <i>See also NSF and NSF Classification.</i>	Mineral Oil	Petroleum based, produced by refining crude oil.																																						
Four-ball test	Evaluates the load carrying performance of a lubricant via 2 tests.	Molybdenum disulphide (MoS₂)	A black powder that serves as a dry-film lubricant in certain applications. It is also used as a component of pastes to prevent scoring when																																						

	assembling pre-fit parts, and as an additive to provide residual lubrication properties to oils and greases. Molybdenum disulphide is often called moly or moly-di-sulphide.																						
MSDS	Material Safety Data Sheet. A document describing the properties and uses of a chemical product or formulation, including its identity, chemical and physical properties, health hazard information, precautions for use, information on safe handling and disposal, appearance, transport and storage considerations.	Paste	A mixture of lubricating components usually a solid lubricant dispersed in a liquid. Similar in appearance to a grease but can be formed by a simple mixing process. Commonly used on sliding surfaces subjected to high pressures at low speeds such as tightening bolts, to aid subsequent disassembly. <i>See also White Paste, Press-Fit Test, Thread Friction Coefficient, Breakaway Torque.</i>																				
NLGI Grade	System for measuring and standardising grease consistency administered by the National Lubricating Grease Institute (NLGI). Different grades have different common application areas. Bearings, for example, would almost always be lubricated by grease with an NLGI Grade of between 1 and 3. <table><tr><td>NLGI Grade</td><td>State at room temp</td></tr><tr><td>000</td><td>Semi fluid</td></tr><tr><td>00</td><td>Semi fluid</td></tr><tr><td>0</td><td>Very Soft</td></tr><tr><td>1</td><td>Soft</td></tr><tr><td>2</td><td>Medium</td></tr><tr><td>3</td><td>Firm</td></tr><tr><td>4</td><td>Very firm</td></tr><tr><td>5</td><td>Hard</td></tr><tr><td>6</td><td>Solid</td></tr></table>	NLGI Grade	State at room temp	000	Semi fluid	00	Semi fluid	0	Very Soft	1	Soft	2	Medium	3	Firm	4	Very firm	5	Hard	6	Solid	Permanent protective film	Intended to remain in place for all or some of the operating life of a product such as paint.
NLGI Grade	State at room temp																						
000	Semi fluid																						
00	Semi fluid																						
0	Very Soft																						
1	Soft																						
2	Medium																						
3	Firm																						
4	Very firm																						
5	Hard																						
6	Solid																						
		Polytetrafluoroethylene (PTFE)	A synthetic (man-made) thermoplastic polymer, which is solid at room temperature. Has one of the lowest coefficients of friction of any known solid material. <i>See also solid lubricant.</i>																				
		Press-fit test	Indicates the lubricating performance of pastes at a very high pressure and low sliding speeds.																				
		Properties of oil	<i>Refer to; Viscosity, ISO VG Grade.</i>																				
		Salt spray test	A uniform test method for evaluating the corrosion resistance of coated metallic samples.																				
Non-soap	Non-soap thickeners include; Bentonite, polycarbonate. <i>Also see Thickeners, Soaps.</i>	Soaps	Common soap thickeners, include; Calcium, lithium, aluminium-complex, calcuim-complex, lithium-complex. <i>See also Thickeners, Non-Soaps, Soap and Complex Soaps.</i>																				
NSF	NSF International, formerly National Sanitation Foundation. An independent not-for-profit organisation providing (amongst others) standards development, product certification and auditing in food, water, health and consumer products.	Solid lubricant	A solid substance with a low frictional coefficient intended to act as a lubricant and separate moving parts. Can be applied directly or in a carrier i.e. sacrificial oil (where the solid lubricant operates when the oil has evaporated) or can be an additive to give additional lubrication or load carrying capacity to an oil or grease etc. <i>See also Graphite, Molybdenum disulphide (MoS₂), Polytetrafluoroethylene (PTFE).</i>																				
NSF Classification	“NSF Nonfood Compounds Registration Program - Re-introduction (1999) of the authorisation program administered by the U.S. Department of Agriculture (USDA). Products eligible for NSF Registration include all compounds used in and around food establishments (nonfood compounds/non ingredients or cooking oils), including lubricants and cleaners. Registered products carry an NSF Registration Mark on their product label. Commonly; NSF H1 Lubricants which may be used when contact with food cannot be technically excluded (possibility of incidental contact). NSF H2 Applies to lubricants that may be used when contact with food is technically excluded (no incidental contact). NSF A1 General cleaning agents for use on all surfaces (must be washed off, no incidental contact).	Solvent	A liquid capable of absorbing or dissolving another substance, (such as white spirit will dissolve oily deposits).																				
		Synthetic Oil	“Man made” by chemical reaction rather than refining from crude oil. e.g Polyalphaolefin (PAO), silicone oil.																				
		Temporary protective film	Used during production, storage and shipping. Intended to be easily removed, often by solvents.																				
		Thickener	A medium for holding the lubricating base oil. In simple terms, acts as a sponge to hold and then release lubricating oil. <i>See also Soaps, Non-Soap for common types of thickeners.</i>																				
		Thread friction coefficient	Indicates the lubricating performance of pastes when assembling or disassembling screw threads. <i>See Also White Paste, Press-Fit Test, Breakaway Torque.</i>																				
Oil	A chemical substance that is a viscous liquid at the desired operating temperature and will not form a solution with water, but is soluble in alcohols or ethers. May be animal, vegetable, petrochemical or synthetic in origin. For industrial applications oils are primarily petrochemical or synthetic in origin (base oil) and may also contain selected additives. <i>See also Mineral Oil, Synthetic Oil, Vegetable Oil, Animal Oil.</i>	Torque	A turning or twisting force.																				
		Vegetable oil	Oil derived from plant material, such as castor oil or palm oil.																				
		Viscosity	Measurement of the resistance to flow of a fluid. In simplified terms, viscosity is essentially thickness, water is low viscosity, honey is high viscosity (more viscous). <i>See also ISO VG Grade.</i>																				
Operating Temperature	Range of the optimal performance of a lubricant. Operating within this window will cause no accelerated degradation to the lubricant. <i>See also Maximum and Minimum Temperature.</i> Oils, greases or pastes with a substantial dry or solid	White paste	Similar to copper paste but metal-free, uses white solids to prevent metal-to-metal contact. <i>See also white solids.</i>																				
		White solids	Term used to refer to ceramic solid lubricants.																				

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