

AXEL Food Grade Lubricant Guide

The Most Advanced Lubrication Technology Tailored to Your Needs



The table below presents a sample listing of our lubricants. Select your lubricant based on application, base oil types, viscosities and the required approvals. Our experienced lubrication experts can assist you in this selection or develop the most appropriate lubricant for your specific food grade application need.

AXEL Product	Base Oil Type	Appl.	ISO VG	Visc. 40°C	Visc. 100°C	VI	Approvals	Package EP-AW-AC	Anti-Oxydation	Anti-Foam
Food Fluid 15	MINERAL		15	15	3.8	133	NSF 137811	•		•
Food Fluid 22			22	22	5	134	NSF 137810	•		•
Food Fluid 32			32	32	7	164	NSF 119675	•		•
Food Fluid 46			46	46	9	156	NSF 128141	•		•
Food Fluid 68			68	68	10	159	NSF 128142	•		•
Food Fluid 100			100	100	15	158	NSF 137812	•		•
Food Fluid HM 32			32	32	5.5	108	NSF 139883	•		•
Food Fluid HM 46			46	46	7	109	NSF 139884	•		•
Food Fluid HM 68			68	68	9.2	112	NSF 139885	•		•
Food Gear 68	SEMI-SYNTHETIC		68	68	11	>140	NSF 144816	•		•
Food Gear 100			100	100	14	>140	NSF 144817	•		•
Food Gear 150			150	150	20	>140	NSF 127961	•		•
Food Gear 220			220	220	24	>140	NSF 127963	•		•
Food Gear 320			320	320	40	>140	NSF 127964	•		•
Food Gear 460			460	460	55	>140	NSF 127962	•		•
Food Gear 680			680	680	65	>140	NSF 127965	•		•
Food Gear S 100	SYNTHETIC		100	100	15	157	NSF 144813	•	•	•
Food Gear S 150			150	150	20	154	NSF 144814	•	•	•
Food Gear S 220			220	220	26	151	NSF 143934	•	•	•

AXEL Product	Base Oil Type	Appl.	ISO VG	Visc. 40°C	Visc. 100°C	VI	Approvals	Package EP-AW-AC	Anti-Oxydation	Anti-Foam
Food Gear S 320	SYNTHETIC		320	320	37	164	NSF 143935	•	•	•
Food Gear S 460			460	460	53	180	NSF 143936	•	•	•
Food Gear S 680			680	680	64	165	NSF 144815	•	•	•
Food Compresseur 46			46	46	8.5	164	NSF 136089	•	•	•
Food Compresseur 68			68	68	11.7	169	NSF 136090	•	•	•
Food Compresseur 100			100	100	15	157	NSF 136091	•	•	•
Vacuum Pump 100			100	100	15	157	NSF 148335	•	•	•
Food Chaîne HT 150			150	150	19.2	146	NSF 139191			•
Food Chaîne HT 220			220	220	23.5	130	NSF 151024			•
Food Chaîne HT 320			320	320	34.1	150	NSF 139192			•
Food Chaîne HTE 220			220	220	25	140	NSF 151104	•	•	
Food Chaîne HTE 320			320	320	33.7	148	NSF 151316	•	•	
Food Chaîne TSX 320			320	320	33	145	NSF 146421	•	•	
Food Ice 32			32	32	6	137	NSF 139882	•		•
Food Ice 46			46	46	8.5	150	NSF 138476	•		•
Food Ice 68			68	68	11.5	159	NSF 133148	•		•
Food Ice 100			100	100	15	157	NSF 138502	•		•
Food Ice 150			150	150	20.5	159	NSF 133149	•		•

Applications Key



Hydraulic



Gear Box



Worm Gear



Compressor



Vacuum Pump



Chain

Approvals Key



NSF

Where there is a risk of contamination (indirect or incidental contact), only H1 type lubricants may be used ("lubricants for food contact").

NSF 3H category is designated as a release agent on grills, ovens, loaf pans, boning benches, chopping boards, or other hard surfaces that come in contact with meat and poultry food products. These agents work to prevent food from adhering to equipment during processing.



Halal

HQC Halal Certification has been achieved by adhering to the highest international, accepted standards regarding Halal production.



Kosher

Kosher certification guarantees that the source of the ingredients and the status of the production equipment meet strict Kosher requirements.



AXEL Food Grade Lubricating Grease Guide

The Most Advanced Lubricating Grease Technology Tailored to Your Needs



The table below presents a sample listing of our lubricating grease. Select your lubricating grease based on application, thickener technology, operating conditions, base oil type, NLGI grade and the required approvals. Our experienced lubricating grease experts can assist you in this selection or develop the most appropriate lubricating grease for your specific food grade application need.

AXEL Product	Thickener	Applications	Operating Conditions	Colour	Base Oil Type	NLGI Grade	Other NLGI Grade Existing	Approvals
Acillene 332 FMFR	SILICA	-	Multipurpose	Translucid	White oil	2	0, 00	NSF 119676 H1 ☆
Acillene 332 TFFM		-	Multipurpose	White	White oil	2		NSF 139425 H1 ☆
Acillene 342 FMFR		-	Multipurpose	Translucid	White oil	2		NSF 146422 3H ☆
Acillene 873 FM		-	Excellent thermal resistance	Colourless	Silicone oil	3	2	NSF 142287 H1 ☆
Alutac 341 EPFM	ALUMINIUM COMPLEX	Bearings	Multipurpose	White	White oil	1		NSF 127960 H1 ☆
Alutac 352 TFFM		Bearings	Multipurpose	White	White oil	2	000, 00, 0, 1, 1,5	NSF 125189 H1 ☆
Alutac 362 FM		Bearings, pellet press	Heavy loads, high temperature	White	White oil	2	00, 0, 1, 2,5	NSF 125480 H1 ☆
Alutac 662 FM		Bearings	High temperature, wet environment	White	Synthetic oil	2	000, 00, 0, 1	NSF 139855 H1 ☆
Alutac 6615 TFFM		Bearings, chains	Wet environment, high temperature, wash resistant	White	Synthetic oil	1,5		NSF 147895 H1 ☆
Thermocal 341 FM	CALCIUM COMPLEX	Pellet press	Heavy loads	White	White oil	1		NSF 133147 H1 ☆
Thermocal 671 FM		-	Wet (vapour) environment, high temperature	White	Synthetic oil	1		NSF 143136 H1 ☆
Thermocal 672 FM		-	Wet (vapour) environment, high temperature	White	Synthetic oil	2		NSF 142004 H1 ☆
Thermocal 5615 FM		Pellet press	High temperature, heavy load	White	Semi-Synthetic oil	1,5		NSF 136626 H1 ☆
Calsullence 352 FM	CALCIUM SULPHONATE COMPLEX	Bearing, pellet press	Heavy loads, mechanical stability, water resistance	Light Brown	White oil	2		NSF 151653 H1 ☆
Calsullence 362 FM		Bearing, pellet press	Heavy loads, mechanical stability, water resistance	Light Brown	White oil	2		NSF Ongoing H1 ☆

Approvals Key



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ISO 9001
ISO 14001
ISO 21469

Axel Christiernsson is Certified ISO 21469
Safety of Machinery
Lubricants with Incidental Product Contact
Hygiene Requirements

