

HFDU 46

Biodegradable Fire-Resistant Hydraulic Oil

Description

HFDU 40 is made from high quality, high oleic vegetable oils. HFDU is an excellent anti-wear hydraulic fluid for use in all applications requiring a Factory Mutual approved fire-resistant fluid. It offers excellent environmental performance due to its low toxicity additives and vegetable base oils. Not compatible with water containing fluids.

- FM Approval for Fire Resistant Hydraulic Fluids
- USDA BioPreferred Program
- Classified as Environmentally Acceptable Lubricants as per the EPA's 2013 U.S. Vessel General Permit.

Physical & Chemical Properties

Product Code	3846
ISO Grade	46
Viscosity @ 100°C, cST	10
Viscosity @ 40°C, cSt	46
Viscosity Index	>200
Flash Point, °C (°F) (COC)	585 (307)
Fire Point, °C (°F) (COC)	675 (357)
Pour Point, °C (°F)	-13 (-25)
Color	Amber
Foam Test, ASTM D892	41/39/1
Specific Gravity	.91
Corrosion Protection	PASS
Gear Lubrication FZG Load Stage, DIN 51354-2	>11

Features/Benefits

- ✓ **Made from high quality, high oleic vegetable oils**
- ✓ **Compatible with most mineral oils and polyolester type hydraulic fluids**
- ✓ **Low toxicity additives**
- ✓ **Excellent environmental performance**
- ✓ **High performance**
- ✓ **Can be used for any industry that utilizes mobile or stationary hydraulic equipment that requires an FM approved hydraulic fluid.**
- ✓ **Also suitable for hydraulic systems where a release into the environment is possible or where a leak or spill could reach a waste stream.**