



FR HYDRAULIC OIL

FIRE RESISTANT HYDRAULIC OIL

DESCRIPTION

Jet-Lube® FR Hydraulic Oil is formulated to meet guidelines for Factory Mutual (FM) 6930. Factory Mutual approved oils are designed for enhanced safety where potential fire hazards may exist.

The formulation is based on polyol ester synthetic fluid. This type of oil is exceptionally robust. Reinforcing this outstanding lubricity, selected additives enhance wear protection. Extended pump and component service will result in reduced downtime and maintenance costs.

Jet-Lube FR Hydraulic Oil is biodegradable.

BENEFITS

- SEAL COMPATIBILITY – reduces leaks
- LOW MAINTENANCE – when compared to water-glycol type
- READILY BIODEGRADABLE – non-toxic and 90% bio-based
- ANTIWEAR PROTECTION - extends equipment life and minimizes downtime
- FACTORY MUTUAL – meets guidelines for FM 6930.

APPLICATIONS

Jet-Lube FR Hydraulic Oil is available in ISO 46 and ISO 68 viscosity grades. It is recommended for most types of hydraulic equipment found in mining, steel mills, die casting, horizontal directional drilling (HDD) and power transmission plants.

PRODUCT CHARACTERISTICS

ISO Grade	46	68
Kinematic Viscosity (ASTM D-445)	cSt @ 40°C	46 68
	cSt @ 100°C	10 13
Viscosity Index (ASTM D-2270)	200	185
Pour Point (ASTM D-97)	°F	<-22 <-22
	°C	<-30 <-30
Density (lb/gal)	7.68	7.76
Flash Point (ASTM D-92)	°F	>572 >572
	°C	>300 >300
Fire Point (ASTM D-92)	°F	>680 >680
	°C	>360 >360
Vane Pump Wear Test (ASTM D-7043)	Total Mass Loss, mg	<5 <5
	Acid Value	<1 <1
	mg KOH/g	

For package types and part numbers

www.jetlube.com/resources/product-index/

Limited Warranty

www.jetlube.com/assets/documents/Jet-Lube_Warranty.pdf