MOBIL PYROTEC HFD-U 46 & 68

Mobil Industrial , Kazakhstan

Fire-Resistant Hydraulic Fluid

Product Description

Mobil Pyrotec HFD-U series are fire resistant hydraulic fluids engineered to meet the requirements of DIN EN ISO 12922. Thanks to its fully synthetic ester base oil and environmentally friendly additives, Mobil Pyrotec HFD-U series are readily biodegradable in accordance with DIN

ISO 15380. These synthetic-based products are designed to provide high quality hydraulic fluids with high versatility to lubricate a broad range of industrial and off-highway equipment.

Features and Benefits

Mobil Pyrotec HFD-U series shows excellent thermal and oxidation stability that can help reduce maintenance downtime and costs by contributing to system cleanliness and deposit reduction, enabling long oil and filter life. Its outstanding anti-corrosion and anti-wear properties protect system components against wear and scuffing and help provide long equipment life. It offers a wide range of operation due to its wide low temperature characteristics.

Mobil Pyrotec HFD-U series meet requirements for EU Ecolabel and Blue Angel.

Applications

Recommended by ExxonMobil for use in areas with increased risk of fire, such as in steel mills and metallurgical plants as well as in mining where especially underground working is at a high risk of fire. Furthermore, the use is recommended in areas prone to increased environmental risk.

- Hydraulic and oil circulation systems operating in conditions subject to fire hazards or environmentally sensitive areas
- Continuous caster
- Blast furnace
- Reheating furnace
- Underground and open pit mining
- Tunneling
- Forestry equipment
- Construction equipment

Specifications and Approvals

This product has the following approvals:	MOBIL PYROTEC HFD-U 46
FM Global Approval Standard 6930	X

Properties and Specifications

Property	MOBIL PYROTEC HFD-U 46	MOBIL PYROTEC HFD-U 68
Grade	ISO VG 46	ISO VG 68

Property	MOBIL PYROTEC HFD-U 46	MOBIL PYROTEC HFD-U 68
Density 15 C, kg/m3, DIN EN ISO12185	919	928
Flash Point, Cleveland Open Cup, °C, DIN EN ISO 2592	300	
Flash Point, Cleveland Open Cup, °C, EN ISO 2592		296
Kinematic Viscosity 40 C, mm2/s, ASTM D7042	48	
Kinematic Viscosity 40C, mm2/s, ASTM D7042		71
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	10	12.5
Pour Point, °C, ASTM D97	-39	-33
Viscosity Index, DIN ISO 2909	195	190

Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com
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