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LANXESS
Energizing Chemistry

REOLUBE® HYD

Fire-resistant industrial hydraulic fluids

Description

Reolube® HYD series are colorless, odorless fire-resistant hydraulic fluids suitable for use in hydraulic equipment exposed to high temperature and high fire hazard environments such as those found in primary metals processing or mining operations. Reolube® HYD products are available in a range of viscosity grades and regulatory profiles, with special corrosion-resistant grades available for use in damp or humid environments.

Technical advantages

Fire resistant

Thermally stable

Range of viscosities

Ashless

Good solvency

Performance benefits

Self extinguishes if sprayed onto hot surfaces or flames

Able to operate in high temperature applications

Suitable for a wide range of equipment

Reduces deposit formation

Improves equipment cleanliness



X Reolube® HYD

Product range

Product	Base fluid type	ISO VG grade	FM Global Approval	Comment
Reolube® HYD 22	Isopropylphenylphosphate	22		
Reolube® HYD 32	Isopropylphenylphosphate	32		
Reolube® HYD 32B	Tertbutyl phenylphosphate	32	■	
Reolube® HYD 46	Isopropylphenylphosphate	46	■	
Reolube® HYD 46R	Isopropylphenylphosphate	46	■	Enhanced corrosion resistance
Reolube® HYD 46B	Tertbutylphenylphosphate	46	■	
Reolube® HYD 46BR	Tertbutylphenylphosphate	46	■	Enhanced corrosion resistance
Reolube® HYD 68B	Tertbutylphenylphosphate	68	■	
Reolube® HYD 68BR	Tertbutylphenylphosphate	68		Enhanced corrosion resistance
Reolube® HYD 100B	Tertbutylphenylphosphate	100	■	
Reolube® HYD 100BR	Tertbutylphenylphosphate	100	■	Enhanced corrosion resistance

Flammability tests

Reolube® HYD 46B hydraulic fluid exhibits superior flammability performance when compared to other typical hydraulic fluid types of the same ISO viscosity grade in two industry standard flammability tests.

ISO 20823 Hot manifold ignition test

Product	Ignition Temperature (°C)
Reolube® HYD 46B	726
Polyalkyleneglycol fluid	506
Polyol ester fluid	459
Mineral oil	434

ISO 15029-1 Spray flame persistence test

Product	Burn Time, s	Pass <30s Fail >30s Burn
Reolube® HYD 46B	8	Pass
Polyalkyleneglycol fluid	134	Fail
Polyol ester fluid	125	Fail
Mineral oil	130	Fail

Shipping information: Please contact your local sales representative for lead times and minimum order quantities. Reolube® HYD products are supplied in 230 kg drums.

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