

**REPSOL****Shanghai PingYiao Trading CO., Ltd.****REPSOL**
INDUSTRIAL**HYDROFLUX HL**

Description and recommendations

These are mineral oils, paraffin-based and very refined. Their additives which have been especially selected improve the oils' stability against rusting and corrosion. They are especially recommended for hydraulic circuits where work conditions are not especially severe. Likewise, they are also appropriate for all types of machinery where "R&O" oils are not needed, such as some pumps, bearings, compressors, etc.

Qualities

Excellent anti-wear properties, EP (F.Z.G.)

Low freezing point facilitating good pumping at low temperatures.

Advanced anti-rust and anti-corrosion capacity. Does not affect copper or its alloys.

Very good water separation properties (demulsibility).

Resistance to foam formation and high de-aeration facilities.

Advanced rust protection. Excellent thermal stability.

Exceptional filterability.

Excellent protection of joints and elastomers.

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Address: Xuhui District, Shanghai Caoxi Yin Hai Building, A1207 Room, No. 250

Telephone helpline: 15900706965

Website: www.pingyiao.com

Tel: 86-21-64705533

Fax: 86-21-64705533-209

E-mail: info@pingyiao.com



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Quality Level

ISO 6743/4-HL

DIN 51506-VBL y VCL

DIN 51517-CL

DIN 51515-LTD

Technical Data

	UNITS	METHOD	VALUE	VALUE	VALUE
ISO VG Grade			32	46	68
Viscosity, 40°C	cSt	ASTM D 445	32	46	68
Viscosity, 100°C	cSt	ASTM D 445	5,4	6,7	8,5
Viscosity Index		ASTM D 2270	95	95	95
Flash Point O/C	°C	ASTM D 92	200	210	220
Pour Point	°C	ASTM D 97	-15	-9	-9
Desemulsión, 54°C	°C		15	15	15
Cu corrosion		ASTM D 130	1	1	1
TAN	mg KOH/g	ASTM D 974	0,1	0,1	0,1
Aero emulsion, 50°C	°C		4	5	8
Oxidation, TAN at 2000h	mg KOH/g		<2	<2	<2

Available in

Bulk and 185 Kg. drums in Grade 32

185 Kg. drums in grade 46

185 Kg. drums and 875 Kg containers, in grade 68

Hazard Identification

This product is not classified as toxic or hazardous under current legislation.

Handling

Certain minimum precautions to avoid prolonged contact with the skin should be taken when handling. The use of gloves, visors or masks is recommended in order to

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avoid splashes.

Health and safety hazards

Inhalation: Minimum risk of inhalation as it is a non-volatile product.

Ingestion: Does not provoke vomiting. Drink water. Seek medical assistance.

Contact with Skin: Wash with abundant water and soap.

Eyes: Wash with abundant water.

General measures: Seek medical assistance.

Fire fighting measure

No special measures are required.

Fire control: Foams, dry chemicals, CO₂, water spray. Do not apply water jet directly as this may cause the product to spread.

Environmental precautions

Danger of physical contamination in the case of spillage (water flows, coastal areas, the ground, etc.) due to its floating capacity and oily consistency which may cause damage to fauna and flora with which it comes into contact. Avoid its penetration into water containers or outlets.

Decontamination and cleaning: Treat as an accidental oil spillage. Avoid spreading by using mechanical barriers and eliminate using both physical and chemical means.

Unless otherwise specified, the values cited in technical characteristics should be considered as

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