

**REPSOL****Shanghai PingYiao Trading CO., Ltd.**

**REPSOL**
INDUSTRIAL***HYDROFLUX EP***

Description

The lubricants in this range are produced with carefully selected bases and additives to give them the characteristics of hydraulics oils for general use.

Recommended uses

These oils are very suitable for most hydraulic circuits, including those which require special anti-wear protection, in industry as well as automotive (dumper trucks, machinery for public works, etc.) regardless of the type of pump they are equipped with and the pressures at which they work.

Properties

Resistant to oxidation, aging and sludge formation.

Low pour point.

High viscosity index.

Very good anti-foam agents.

Excellent anti-wear properties.

Shanghai PingYiao Trading CO., Ltd.

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

Telephone helpline: 15900706965

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Tel: 86-21-64705533

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Easy water separation.

Quality Level

DIN 51524 part 2 (HLP)

AFNOR NF E 48-603 HM

Eaton Vickers I-286-S

ISO 11158 (HM)

ISO 6743/4 (HM).

AFNOR NF E 48-690 / 48-691

Technical Data

	UNITS	METHOD	ISO Grade					
			22	32	46	68	100	150
Viscosity at 100°C	cSt	ASTM D 445	4.3	5.4	6.7	8.6	11.1	14.5
Viscosity at 40°C	cSt	ASTM D 445	22	32	46	68	100	150
Viscosity index		ASTM D 2270	103	104	97	97	97	96
Density at 15°C	g/cm	ASTM D4052	0.865	0.878	0.876	0.882	0.887	0.893
Flash point, open cup	°C	ASTM D 92	200	215	220	230	245	250
Pour point	°C	ASTM D 97	-24	-24	-24	-24	-21	-21
FZG, scale of damage		DIN 51354	--	11	11	11	11	11
Attrition 4 Ball, scar diameter	mm	ASTM D 4172	0.50	0.50	0.45	0.45	0.45	0.45
Oxidation, NN at 1500 h	mg KOH/g	ASTM D 943	<2	<2	<2	<2	<2	<2
Desemulsion (1,54°C/-82°C)	min	ASTM D1401	<20(1)	<20(1)	<20(1)	<30(1)	<30(2)	<30(2)
Copper corrosion, 3 h 100 °C		ASTM D 130	1b	1b	1b	1b	1b	1b

Available in

	ISO Grade					
	22	32	46	68	100	150
Bulk		x	x	x		
Containers of 875 kg			x	x		
Metal drums 185 kg	x	x	x	x	x	x
Plastic drums 18 kg			x	x		

Hazard Identification

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

Handling

This product must be used taking care to avoid prolonged contact with the skin.

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It is advised that you wear gloves, visors or goggles to avoid splashes.

Health and safety hazards

Inhalation: Given that it is not a particularly volatile product, the risk of inhalation is minimal.

Ingestion: Do not induce vomiting. Provide water. Seek medical advice.

Contact with the skin: Wash with plenty of water and soap.

Eyes: Wash with plenty of water.

General measures: Seek medical advice.

Fire fighting measure

No special measures required.

Fire-extinguishing measures: Foams, dry chemicals, CO₂, water spray. Do not apply

the jet of water directly as this could cause the product to disperse.

Environmental precautions

Risk of physical contamination when spilled (waterways, coastal areas, soils, etc.) due to its floatability and oily consistency; could cause harm to flora and fauna on contact. Avoid material getting into water outlets.

Decontamination and cleaning: Treat like an accidental oil spill. Prevent dispersion using mechanical barriers and remove by physical or chemical means.

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

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