

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

**REPSOL**
INDUSTRIAL*TELEX E*

Description

Specially suitable for hydraulic circuits requiring oils with wear prevention properties. Its load capacity exceeds that of normal Telex oils. Made with bases which have been carefully selected and to which specific additives have been incorporated in order to noticeably improve its properties.

Recommended uses

Recommended for hydraulic circuits, whatever the type of pump used, specially at high pressure and, in general, all mechanisms that require oils with good rust and oxidation prevention. Also recommended for applications where it is necessary to conform to, or improve on, the maximum wear protection levels specified by international standards.

Properties

Good aging resistance and sludge formation Good water and air release ability.

prevention.

Very good non-foaming properties.

Maximum wear protection.

Excellent filterability.

Shanghai PingYiao Trading CO., Ltd.

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High viscosity index. Very good compatibility with gaskets and seals.

Low pour point.

Excellent demulsibility

Quality Level

DIN-51524 Part. 2 HLP

Eaton Vickers I-286-S y M-2950-S

Denison Hydraulics HF-O, HF-1 and HF-2 AFNOR NF E 48-603 HL, HM

Cincinnati Milacrom P-68 (ISO 32); P-69(ISO-68); AFNOR NF E 48-690 y
48-691

P-70(ISO-46).

ISO 6743/4 HM

Technical Characteristics

	UNIT	METHOD	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
ISO Grade			15	22	32	46	68	100
Viscosity, 100 ° C	cSt	ASTM D 445	3,5	4,4	5,4	6.7	8.6	11.1
Viscosity, 40 ° C	cSt	ASTM D 445	15	22	32	46	68	100
Viscosity Index		ASTM D 2270	113	107	104	98	98	97
Flash Point	° C	ASTM D 92	180	200	215	225	235	245
Pour Point	° C	ASTM D 97	-30	-27	-24	-24	-24	-21
Koper corrosion 3h at ° C		ASTM D 130	1a	1a	1a	1a	1a	1a
Oxidation, NN at 2500 h.	mg KOH/g	ASTM D 943	2	2	2	2	2	2
FZG, test sup stage passed		DIN51354	---	--	11	12	12	12

Available in

ISO 15: 180 Kg. Drums

ISO 22: 185 Kg. Drums.

ISO 32: 875 Kg containers and 185 and 45 Kg. drums

ISO 46 and 48: Bulk, 875 Kg containers and 185 and 45 Kg. Drums and 5
litres metallic cans.

ISO 100: Bulk and 185 Kg. Drums

Hazard Identification

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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 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.

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

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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 typical.

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