



Shanghai PingYiao Trading CO., Ltd.



*TELEX H.V.L.P.*

## Description

The base stocks used in the manufacture of this group of products have been carefully refined to obtain a high viscosity index and increased oxidation protection. The additives used, as well as improving these natural characteristics, give these oils, among other things, really exceptional anti-wear properties and temperature performance.

## Recommended uses

Oils specially designed for applications which experience broad temperature changes and requiring high levels of wear protection. For example: Applications exposed to the elements or with very low starting temperatures; hot areas without fire risks; equipment requiring viscosity variations well below those of normal fluids; ship deck equipment (door, hatches, winches, control mechanisms, stabilizers, etc.). Excellent performance in hydraulic systems for all types of public works machinery".

## Properties

Very high viscosity index

Great oxidation, aging and sludge formation

Shanghai PingYiao Trading CO., Ltd.

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

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Excellent ant-wear properties. resistance.  
Great load capacity. Excellent rust protection for metals.  
Easy water separation. Compatible with conventionally used seals.  
Very good anti-foam agents.

### Quality Level

DIN-51524 Part 3 HVLP Eaton Vickers I-286-S y M-2950-S  
Denison Hydraulics HF-O, HF-1 y HF-2 AFNOR NF E 48-603 HV  
Cincinnati Milacrom P-68 (ISO 32); P-69(ISO-68); P-70(ISO-46).  
AFNOR NF E 48-690 y 48-691  
ISO 6743/4 - HV

### Technical Characteristics

	UNIT	METHOD	VALUE	VALUE	VALUE
ISO Grade			32	46	68
Viscosity, 100 ° C	cSt	ASTM D 445	6,2	8,2	11,3
Viscosity, 40 ° C	cSt	ASTM D 445	32	46	68
Viscosity Index		ASTM D 2270	150	150	150
Flash Point, C/O	° C	ASTM D92	215	225	235
Pour Point	° C	ASTM D97	-33	-33	-33
Koper corrosion 3h at 100 ° C		ASTM D 130	1b	1b	1b
Oxidation, NN at 2500 h.	mg KOH/g	ASTM D 943	2	2	2
FZG, damage step		DIN 51354	12	12	12

### Available in

ISO 32: 875 Kg Containers and 185 and 45 Kg. Drums.  
ISO 46 y 48: Bulk, 875 Kg containers and 185 and 45 Kg. Drums, and 5 litres metallic cans.

### Hazard Identification

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

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## 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.

## Fire fighting measure

No special measures are required.

Fire control: Foams, dry chemicals, CO<sub>2</sub>, 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.

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

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