



Shanghai PingYiao Trading CO., Ltd.

CIRCULACION EP

Description

Carefully elaborated paraffin base oils to which specific additives endowing extreme pressure and anti-abrasion properties are added. As a result, these oils, along with their high viscosity indexes, excellent rust resistance and advanced demulsibility are enhanced by their capacity to exceed level 10 of the FZG test.

Recommended uses

These oils are typically used to lubricate, by circulation, bearings subjected to severe service, including strong water contamination, and are normally used in rolling mills.

Their particular characteristics also make them suitable for the lubrication of industrial suppressants subject to medium loads but not to impacts.

In spite of their extreme pressure additives, these oils are harmless to metals, and so can be used for the lubrication of slow plain bearings which have a wide diameter and are drop-feed lubricated.

At their lowest viscosity index they can also be used to lubricate medium speed ball bearings.

Qualities

High viscosity index.

Low freezing point.

Reduced coal residues.

Excellent water separation.

Excellent anti-rust properties.

Strong extreme pressure characteristics.

Quality level

Exceeds ISO 6743/2 – FC and DIN 51517 part 2-CL

Load capacity equivalent to that required by DIN 51524 part 2-HLP

Shanghai PingYiao Trading CO., Ltd.

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Technical characteristics

	UNITS	METHOD	VALUE	VALUE	VALUE	VALUE
Type			100EP	220EP	320EP	680EP
ISO grade			100	220	320	680
Viscosity at 40°C	cSt	ASTM D 445	90	235	320	680
Viscosity index		ASTM D 227	95	95	95	95
Flash point	°C	ASTM D 92	230	235	240	260
Freezing point	°C	ASTM D 97	-9	-9	-9	-9
F.Z.G. Step load		DIN 51354	10	10	10	10

Available in

All grades in bulk and 185-kilo drums.

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 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 measures

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

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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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