



Shanghai PingYiao Trading CO., Ltd.

HELEN

Description

These paraffin based mineral oils are suitable for lubricating steam engine cylinders and maintain permanently stable lubricating film between moving metallic parts, as well as preventing steam from escaping, whether in valves, pistons or seals.

Recommended uses

They are used, according to the growing order of viscosity, for saturated, reheated steam or that with a high degree of reheating.

Valid for general greasing, gears which are not highly charged and other mechanical elements in which high temperature conditions may occur.

They can be used as heat transfer fluids when used in thermal circuits exposed to open air.

Properties

Very good greasing characteristics.

High flash point.

Low losses through volatility.

Low carbon residues.

Quality level

DIN 51510 – ZA (200 grade) and ZB (240 grade)

ISO 6743/6 – CKB

ISO 6743/12 - QA

Technical Characteristics

	UNIT	METHOD	VALUE	VALUE	VALUE
Type			140	200	240
ISO Grade			460	680	1000
Viscosity, 40°C	cSt	ASTM D 445	460	680	1000

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Viscosity, 100°C	cSt	ASTM D 445	30,5	40,0	50,5
Viscosity Index		ASTM D 2270	95	95	95
Flash Point	°C	ASTM D 92	240	260	270
Pour Point	°C	ASTM D 97	-9	-9	-9
Cooper corrosion, 3H. AT 100°C		ASTM D 130	1b	1b	1b

Available in

185 Kg. 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 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.

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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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