



Shanghai PingYiao Trading CO., Ltd.



ARIES

Description

This range of oils is known as the “turbine type”, not only because of its manufacturing process, but also because some of them are specifically developed for use in turbines. They are obtained from selected paraffinic stocks, to which rust and oxidation inhibitors and anti-foaming agents are added, giving them excellent properties and magnificent performance.

Recommended uses

These lower viscosity oils (ISO grades 7, 15, 22) are gearwheel used for high precision or high speed mechanisms. ISO grades 32 to 100 inclusive, are normally used in turbines, mainly steam or hydraulic, but they are also suitable for compressors, hydraulic systems, etc. The higher viscosity oils (type 125, 150, 220 and 380) are suitable for various types of mechanical equipment, lubrication being by splash or forced circulation.

Properties

Higher resistance to ageing and formation of sludge.

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Excellent anti-foaming and air release characteristics.

Good water separation and rust prevention.

Quality Level

Grades ISO 32, 46, 68 y exceed the quality required for L-TD fluids specified by standard DIN-51515 part 1.

ISO grades with viscosity above and including ISO 22, exceed in some aspects, the requirements for CL fluids specified by standard DIN-51517 part 2.

ISO grades giving in before point are VBL and VCL oils according to standard DIN-51506.

FC according to ISO-6743/2.

DAB, DVA, DVC y DVE according to ISO-6743-3A.

HL according to ISO-6743/4.

TSA y TGA according to ISO-6743/5.

CKB according to ISO-6743/6.

Technical Characteristics

	UNIT	METHOD	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
Type			7	15	22	32	46	68	100	125	150	220	380
ISO Grade			7	15	22	32	46	68	100	-	150	220	-
Viscosity, 40° C	cSt	ASTMD 445	6,4	13,8	24,2	32,0	46,0	68,0	100,0	123	142,0	220	380
Viscosity Index		ASTMD 2270	-	95	95	95	95	95	95	95	95	95	95
Pour point	° C	ASTMD 97	- 9	- 9	- 9	- 9	- 9	- 9	- 9	- 9	- 9	- 9	- 9
Flash point	° C	ASTMD 92	100	170	175	190	200	215	225	230	235	240	265
Neutralization n° at 2000h	mg KOH/g	ASTMD 943	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

Available in

Bulk: 68 y 220 Grades.

45 kg. drum : 68 Grade.

180 Kg. drum : 7 y 15 Grades

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185 Kg. drum: 22, 32, 46, 68, 100 ,125, 150, 220 y 380 Grades.

875 Kg. containers : 32, 46, 68, 100, 150 y 220 Grades.

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.

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

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