



Shanghai PingYiao Trading CO., Ltd.

SUPER TAURO PAG

Description

High performance lubricants, one hundred percent synthetic (polyglycols). They incorporate latest generation additives, which makes them ideal for severe applications at a wide range of temperatures: from $\sqrt{30\geq C}$ to more than $200\geq C$. They have been developed in order to provide extra protection against corrosion and separation of water.

Recommended uses

Industrial bearings and mechanisms working in very severe conditions and at high temperatures, bearings and in general in mechanisms which require EP lubricants with high thermal stability. Due to its excellent resistance to oxidation, it allows the periods of change to be widened, saving in costs due to oil changes, cleaning of equipment and stops.

As a precaution, it cannot be mixed with mineral oils. It is necessary, therefore, to clean the installation whenever there is a change from mineral oil to Super Tauro PAG.

Qualities

Exceptional resistance to oxidation at high temperatures.

Low freezing point, which allows it to work at low temperatures.

High index level of viscosity, allowing for lubrication at a wide range of temperatures.

Exceptional friction rate, which makes it especially recommendable for worm gear reductants.

Free of chlorine and sulphur and lead based compounds.

Minimal formation of deposits.

Excellent water separating and anti-foaming properties.

Very good protection against rusting and corrosion.

Shanghai PingYiao Trading CO., Ltd.

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Optimal EP properties.

Compatible with the majority of joints and gaskets.

Quality level

DIN-51517 Parte 3 CLP

AGMA 250-04

ISO 6743/6 - CKC

U. S. Steel 224

Technical characteristics

	UNITS	MÉTHOD	VALUE	VALUE	VALUE	VALUE
ISO VG Grade			150	220	320	460
Viscosity at 100≥C	cSt	ASTM D 445	25	32	45	67
Viscosity at 40≥C	cSt	ASTM D 445	150	220	320	460
Viscosity Index		ASTM D 2270	200	180	195	220
Pour point	≥C	ASTM D 92	250	290	295	285
Freezing point	≥C	ASTM D 97	-39	-33	-36	-36
Demulsifying at 82 ≥C	min	ASTM D 1401	30	30	30	30
Density at 15 ≥C	g/cm	ASTM D 4052	0.994	1.006	1.005	1.007
Rust, methods A & B		ASTM D 665	Passes	Passes	Passes	Passes
Soldering charge	kg	ASTM D 2783	168	175	170	170
FZG, Step 12		DIN 51354	Passes	Passes	Passes	Passes

Presentations

Drums of 205 Kg.

Hazard Identification

The ISO-150 grade is classified according to the dangerous substances regulation:

- Phrase R 52/53: Dangerous for aquatic organisms, it may cause long term negative effects in the aquatic environment.
- Phrase S 61: Avoid freeing in the environment. Specific instructions are to be found in the safety data file.

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The other grades are not classified as being toxic or dangerous according to 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

Danger of physical contamination in the case of spillage (water flows, coastal areas, the ground, etc.). Its components may have negative long term effects in watery areas. Avoid the entrance of material in 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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