



Shanghai PingYiao Trading CO., Ltd.

## ***POLAR***

### Description

Group of naphthenic oils for freezer compressors which use freon, ammoniac or carbon dioxide. They also possess excellent lubrication properties when used on industrial equipment.

### Recommended uses

Similar to lubricant oils for all types of industrial equipment requiring oils with very low pour points. Basically compressors of freezing equipment which use freon, ammoniac or CO<sub>2</sub>.

### Qualities

Similar to lubricant oils for all types of industrial equipment requiring oils with very low

freezing points.

Has a naturally low freezing point, without any additives.

High oxidation resistance thanks to its natural suppressant content.

High chemical stability.

Minimum carbon formation.

Low flocculation point.

### Quality level

DIN 51503 KC

ISO 6743-3B-DRA

### Technical characteristics

	Unit	Method	Value	Value	Value
Type			32	46	68
ISO VG grade			32	46	68
Viscosity at 40°C	cSt	ASTM D 445	32.0	46.0	68.0

Shanghai PingYiao Trading CO., Ltd.

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Viscosity at 0°C	cSt	ASTM D 445	510	900	1700
Viscosity at -15°C	cSt	ASTM D 445	2750	5700	12000
Cloud point		ASTM D 97	Does not appear	Does not appear	Does not appear
Pour point	°C	ASTM D 97	-45	-40	-33
Coopper Corrosion, 3h, 100°C		ASTM D130	1a	1a	1a
Rus, method A		ASTM D665	Pass	Pass	Pass

Available in

185 Kg. Drums

### Hazard identification

These products are not classified as toxic or hazardous according to current legislation.

### Handling

Minimum safety precautions should be taken when using these products to avoid prolonged contact with the skin and in accordance with good industrial hygiene practices. The use of gloves, visors or glasses is recommended to avoid splashes.

### Health and safety risks.

Inhalation: As this product has low volatility, the risk of inhalation is minimal. Ingestion: Do not make an affected person vomit. Supply water. Get medical help. Contact with the skin: Wash thoroughly with soap and water. Eyes: Wash thoroughly with water. General measures: Get medical help.

### Fire-fighting measures

No special measures required. Extinction: Foams, dry chemicals, CO<sub>2</sub>, water spray. Do not apply a jet of water directly, as it could spread the product.

### Environmental precautions

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Danger of physical pollution if spilt (water, coastlines, soil, etc.) due to its floatability and oily consistency that may harm flora and fauna on contact. Prevent the material from entering the water supply. Decontamination and cleaning: Treat as an accidental oil spillage. Avoid dispersion using mechanical barriers and remove with physical or chemical elements.

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