

ArChine Refritech RNR 100

Highly Refined Naphthenic Oil for Freezer Compressors

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 CO₂.

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

Items	Unit	Value
Appearance	/	yellow transparent liquid
Density at 20°C	g/cm ³	0.910
Viscosity at 40°C	cSt	101.5
Viscosity at 100°C	cSt	8.41
Viscosity Index		17
Flash point, open cup	°C	212

Distributor Wanted

Shanghai PingYiao Trading CO., Ltd.

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Fire point	℃	234
Pour point	℃	- 24
Copper Corrosion, 3h, 100℃	/	1
Foam Characteristic, 24℃	ml/ml	45/0

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, CO₂, water spray. Do not apply a jet of water directly, as it could spread the product.

Environmental precautions

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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