

ArChine Ammotech PAO 100

Polyalphaolefin ammonia refrigeration lubricant

Product Description

ArChine Ammotech PAO 100 is formulated with synthetic polyalphaolefin (PAO) base oils and a carefully balanced additive package developed for use in rotary screw compressors in refrigeration systems using ammonia. It has better oxidation resistance than conventional paraffinic and naphthenic-based refrigeration compressor oils, resulting in less buildup of varnish and sludge deposits and longer service life.

Features

- Excellent deposit control
- Rust and corrosion protection
- Resistance to foaming
- Outstanding thermal stability at high temperatures
- Lower volatility
- Lower oil consumption

Application

- Rotary screw refrigeration compressors using ammonia
- Ammonia manufacturing plants
- Ice plants

Typical Properties*

ArChine Ammotech PAO 100	Standard Specification
Appearance	Light yellow transparent liquid
Density@20°C, g/cm ³	0.836
Viscosity@40°C, mm ² /s	96.3
Viscosity@100°C, mm ² /s	13.32
Viscosity Index	137
Flash Point (open cup, °C)	266
Fire Point, °C	286

Distributor Wanted

Shanghai PingYiao Trading CO., Ltd.

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Pour Point, °C	-45
Foaming 24°C	15/0
Copper corrosion, 100°C/3hr,grade	1

*Typical data shall not be used as product specifications.

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