

ArChine Comptek FPC 46**Food Grade Synthetic PAO Compressor Oil****Product Description**

ArChine Comptek FPC 46 is custom-blended with synthetic base fluids and special additives to provide excellent protection against wear and outstanding cold-temperature fluidity. It offers excellent performance in a wide range of temperatures including sub-zero temperatures. It also offers excellent water separation as well as rust, corrosion, deposit and water-washout resistance to protect components. In addition, it resists fling-off and is designed to remain on the chain for maximum lubrication and protection.

ArChine Comptek FPC 46 is long life lubricant and recommended for use in screw compressors, evaporators and spiral freezers operating at extremely low temperatures including cryogenic-freezing temperatures.

ArChine Comptek FPC 46 meets USDA H-1 requirements for incidental food contact and complies with requirements for FDA 21 CFR 178.3570.

Features and Benefits

- Very high viscosity index for enhanced lubrication and superior protection at low temperatures
- Excellent film strength and anti-wear properties
- Outstanding cold-temperature fluidity
- Resists fling-off and remains on the chain for maximum lubrication and protection
- High stability and demulsibility in wet environments
- Excellent rust, corrosion and deposit resistance
- Non-toxic/non-hazardous

Applications

- ☐ Primarily recommended for rotary screw and vane air compressor
- ☐ Very effective in screw type compressors with oil injection cooling
- ☐ Units operating under severe conditions

Distributor Wanted

Shanghai PingYiao Trading CO., Ltd.

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- ☐ Multistage units with a history of excessive oil degradation from mineral oil-based products
- ☐ Compressor systems with critical gears and bearings
- ☐ Compressors used in stationary and mobile applications
- ☐ For spiral freezers operating at extremely low temperatures including cryogenic-freezing temperatures

Typical Properties*

ArChine Comptek FPC 46	Typical Value
Appearance	Light yellow, transparent liquid
Density@20°C, g/cm ³	0.841
Viscosity@40°C, mm ² /s	44.5
Viscosity@100°C, mm ² /s	7.39
Viscosity Index	130
Flash Point, °C (open cup)	236
Fire point, °C	262
Pour Point, °C	-48
Foaming, 24°C,	10/0
Copper corrosion, 100°C/3hr, grade	1

*Typical data shall not be used as product specifications.

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