

ARCHINE

Shanghai PingYiao Trading CO., Ltd.

ArChine Geartek FPG 680

Food Grade Synthetic PAO Gear Oil

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Product Description

ArChine Geartek FPG 680 is supreme performance hydraulic, compressor, gear and bearing oils designed to provide outstanding equipment

protection, long oil life and problem-free operation in the food and beverage processing and packaging industries. They are formulated

from FDA and NSF registered hydrocarbon base fluids and additives. The combination of the naturally high viscosity index and the proprietary

additive system enables the ArChine Geartek FPG 680 to provide outstanding performance in a wide range of service applications at high and

low temperatures, high loading and in areas of high wash-down well beyond the capabilities of typical mineral oils.

ArChine Geartek FPG 680 is NSF H1 registered lubricants and also comply with Title 21 CFR 178.3570 by the Food and Drug Administration

(USA) for lubricants with incidental food contact.

ArChine Geartek FPG 680 can provide good wear protection, excellent oxidation stability, protection against rust and corrosion even in moist

environments and provide good system cleanliness. The ArChine Geartek FPG 680 is also compatible with seals and other construction

Distributor Wanted

Shanghai PingYiao Trading CO., Ltd.

Tel: 86-21-64705533

Address: A1207, Yin Hai Building, No.250, Caoxi Road, Xuhui District, Shanghai
200235 P.R.China

Telephone helpline: (86)15900706965

Fax: 86-21-64705533-209

Website: www.pingyiao.com

E-mail: info@pingyiao.com

materials used in equipment normally lubricated with mineral oils.

Features and Benefits

Features	Advantages
NSF H1 registered lubricants	Allows use in food and beverage packaging and processing applications
High viscosity index	Maintains viscosity and film thickness at high temperatures to help protect equipment
	Exceptional low temperature performance, including low power consumption at start-up
High load carrying capability	Helps protect equipment and extend life
	Minimizes unexpected downtime and extends service periods
Good seal compatibility	Less contamination and lower potential oil leakage
Excellent oxidation stability	Provides long oil and equipment life
Excellent water separation and good corrosion protection	Prevents the internal system from corrosion even where large quantities of water are present
	Maintains lubrication performance even after high pressure wash downs
Meets a wide range of equipment requirements	Multi-service applications - One product can replace several
	Minimizes inventory requirements and reduced potential for product misapplication
Low traction coefficient	Reduces overall friction and can increase efficiency in sliding mechanisms, with potential for reduced power consumption and lower steady-state operating temperatures

Applications**Distributor Wanted**

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ArChine Geartek FPG 680 is recommended for use in a wide variety of hydraulic, compressor, gear and bearing applications within food and

beverage processing, packaging and pharmaceuticals. The products are effective in many applications including those where maintenance

costs of component replacement, system cleaning and lubricant changes are high.

ArChine Geartek FPG 680 is NSF H1 registered for incidental food contact only. They are not to be used as direct food contact lubricants.

ArChine Geartek FPG 680 meets the following standards:

ISO 11158 (HV); DIN 51524, p.1, p.2 and p.3 (HL, HLP, HVLP); US Steel 127 and 136; ISO 12925 (CKB, CKC); DIN 51517, p.1, and p.2

(C, CL); AGMA 9005-E02 (RO, EP); David Brown S1.53.106

Typical Properties*

ArChine Geartek FPG	ISO 680
Appearance	Light yellow transparent liquid
Density@ 20°C, g/cm ³	0.860
Viscosity@ 40°C, mm ² /s	672.6
Viscosity@ 100°C, mm ² /s	60.9
Viscosity Index	158
Flash Point, °C (open cup)	252
Fire point, °C	276
Pour Point, °C	-33
Foaming characteristics 24°C,	20/0
93.5°C,	15/0
24°C	20/0

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Copper Strip Corrosion,, 100°C/3hr, grade	1
NSF Registration number	149879

*Typical data shall not be used as product specifications.

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