

**ArChine Hydratek FPH 68****Food Grade Synthetic PAO Hydraulic Oil****GENERAL:**

**ArChine Hydratek FPH 68** is specially formulated to provide superior lubrication in food plant machinery. The polyalphaolefin (PAO) synthetic hydrocarbon oil provides outstanding anti-wear protection, which is compounded to prevent rusting in the presence of moisture, non-foaming and has characteristic of rapid water separation. An effective antioxidant offers long service life and reduces the possibility of sludge and varnish formation.

**ArChine Hydratek FPH 68** can be used in where hydraulic fluids and other mild lubricants are called for in equipment associated with food processing. USDA/NSF has approved **ArChine Hydratek FPH 68** under their H-1 specification for incidental contact with food. The oil complies with FDA guidelines for food contact listed in CFR Title 21 Part 178, Section 178.3570.

**FEATURES:**

- Good lubrication at high and low temperatures
- Compatibility with mineral oils and equipment designed for use with mineral oils
- Excellent antiwear and extreme pressure properties
- Superior Oxidation Resistance
- Non-Foaming
- Very Good Multi-metal Compatibility
- Meets a Wide Range of Equipment Requirements
- Controlled Demulsibility

**Applications**

- Systems employing multi-metal designs in pumps and other system components
- High pressure vane, piston and gear pumps

**Distributor Wanted**

Shanghai PingYiao Trading CO., Ltd.

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- Systems where very high operating temperatures are typical
- Where small amounts of water are unavoidable
- In systems containing gears and bearings
- Systems requiring a high degree of load-carrying capability and anti-wear protection
- Applications where thin oil-film corrosion protection is an asset such as in systems containing moisture
- Resists fling-off and remains on the chain for maximum lubrication and protection

**ArChine Hydratek FPH 68 meets the flowing 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\*:**

ISO Grade	68
Apperance	Light yellow transparent liquid
Density@20°C, g/cm <sup>3</sup>	0.843
Viscosity@40°C, mm <sup>2</sup> /s	66.1
Viscosity@100°C, mm <sup>2</sup> /s	9.88
Viscosity Index	133
Flash Point (open cup, °C)	252
Fire Point, °C	274
Pour Point, °C	-45
Foaming 24°C , 93.5°C , after 24°C	20/0 10/0 20/0
Copper corrosion, 100°C/3hr, grade	1

\*Typical data shall not be used as product specifications.

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