

ArChine Hydratek FPH 32**Food Grade Synthetic Hydraulic Oil**

NSF Registration No. 147702 Place of Origin: Shanghai, China

GENERAL:

ArChine Hydratek FPH 32 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 32 can be used in where hydraulic fluids and other mild lubricants are called for in equipment associated with food processing. The oil provides anti-wear protection that meets all the requirements of major hydraulic pump manufacturers.

USDA/NSF has approved **ArChine Hydratek FPH 32** 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**Distributor Wanted**

Shanghai PingYiao Trading CO., Ltd.

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

TYPICAL PROPERTIES*:

ISO Grade	32
Apperance	Colorless transparent liquid
Density@ 20°C, g/cm ³	0.838
Viscosity @ 40°C, mm ² /s	30.4
Viscosity @ 100°C, mm ² /s	5.54
Viscosity Index	121
Pour Point, °C	-51
Flash Point, °C (open cup)	234
Foaming 24°C ,	10/0
93.5°C ,	20/0
after24°C	10/0
Copper corrosion, 100°C/3hr, grade	1b

*Typical data shall not be used as product specifications.

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