

**ARCHINE**

Shanghai PingYiao Trading CO., Ltd.

**ArChine Hydratek FSH 100**

Food Grade Hydraulic Oil



NSF Registration No. 148513 Place of Origin: Shanghai,China

**GENERAL:**

**ArChine Hydratek FSH 100** is specially formulated to provide superior lubrication in food plant machinery. The water white oil provides outstanding anti-wear protection, which is compounded to prevent rusting in the presence of moisture, non-foaming and has rapid water separation characteristics. An effective antioxidant gives long oil service life and reduces the possibility of sludge and varnish formation.

**ArChine Hydratek FSH 100** should be used 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 FSH 100** 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:**

- USDA / NSF H1 Approved
- HALAL Approved
- Excellent Rust Protection
- Superior Oxidation Resistance
- Non-Foaming
- Superior Anti-Wear

**Applications:**

- Systems employing gear, vane, radial and axial piston pumps where anti-wear hydraulic oils are recommended
- Hydraulic applications where contamination or leakage are unavoidable

**Distributor Wanted**

Shanghai PingYiao Trading CO., Ltd.

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- Where small amounts of water are unavoidable and this water could damage components
- Systems containing gears and bearings where mild anti-wear characteristics are required
- Applications where thin oil-film corrosion protection is an asset such as systems where small amounts of water exist

## **TYPICAL PROPERTIES\*:**

<b>ISO Grade</b>	<b>100</b>
Appearance	Colorless transparent liquid
Density@ 20°C, g/cm <sup>3</sup>	0.862
Viscosity @ 40°C, mm <sup>2</sup> /s	98.9
Viscosity @ 100°C, mm <sup>2</sup> /s	11.61
Viscosity Index	105
Pour Point, °C	270
Flash Point, °C (open cup)	-18
Foaming 24°C , 93.5°C , after 24°C	10/0 20/0 10/0
Copper corrosion, 100°C/3hr, grade	1b

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

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