

ArChine Hydratek NEH 100**Food Grade Synthetic Hydraulic Oil**

NSF Registration No. 152476 Place of Origin: Shanghai, China

GENERAL:

ArChine Hydratek NEH 100 is synthetic polyol ester (POE) hydraulic oil. This full-synthetic formulation has an ashless multifunctional oxidation and rust inhibiting additive package for hydraulic fluid according to:

ISO 6743/4 (HM, HV); ISO 11158 (HM, HV); DIN 51524, parts 1 - 3 (HL, HLP, HVLP); DIN ISO 15380 (HEES); U.S.Steel 127 and 136

ArChine Hydratek NEH 100 is readily biodegradable and is nontoxic to the environment. It is recommended for use in hydraulic equipment operating in food processing.

USDA/NSF has approved **ArChine Hydratek NEH 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:

- Full-synthetic formulation
- Protect against rust and oxidation
- Readily biodegradable
- Reduced environmental impact
- Excellent wear protection for hydraulic pumps and motors
- Outstanding viscosity-temperature properties eliminate the need for seasonal changeover
- Resistant to sludge and varnish formation

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
- In systems containing gears and bearings
- Systems requiring a high degree of load-carrying capability and anti-wear protection
- Resists fling-off and remains on the chain for maximum lubrication and protection
- Farm implements
- Forestry and logging equipment
- Ski lifts

TYPICAL PROPERTIES*:

ISO Grade	100
Appearance	Light yellow transparent liquid
Density@ 20°C, g/cm ³	0.978
Viscosity @ 40°C, mm ² /s	100.2
Viscosity @ 100°C, mm ² /s	14.43
Viscosity Index	148
Pour Point, °C	-42
Flash Point, °C (open cup)	276
Fire Point, °C	300
Foaming 24°C, 93.5°C, after 24°C	30/0 15/0 30/0
Copper corrosion, 100°C/3hr, grade	1

*Typical data shall not be used as product specifications.

Applications for ArChine lubricants

EQUIPMENT APPLICATION		ArChine Food Grade Lubricants								
		32	46	68	100	150	220	320	460	680
Compressors	Axial	✓	✓	✓						
	Radial	✓	✓	✓						
	Reciprocating Diaphragm					✓	✓	✓	✓	✓
	Reciprocating	✓	✓	✓						

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ARCHINE

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(Piston)										
Rotating	√	√	√	√	√					
Screw		√	√	√	√	√				
Scroll	√	√	√							

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