

## ArChine Hydrotek PAG 46

### Anhydrous Polyether Anti-Wear Hydraulic Oil

#### Product Description

ArChine Hydrotek PAG 46 is an extreme-pressure lubricant. Formulated to provide excellent lubrication, stability, and extended service life, they eliminate many of the problems commonly encountered with petroleum lubricants. ArChine Hydrotek PAG 46 can provide a variety of cost savings to users.

#### Product Features

- ♦ Wide temperature range operability
- ♦ Highly resistant to oxidation and thermal degradation
- ♦ Excellent viscosity-temperature properties eliminate the need for seasonal changeover
- ♦ Viscosities are unaffected by high rates of shear
- ♦ Excellent lubricity for reduced friction and wear
- ♦ Resistant to sludge and varnish formation
- ♦ Noncorrosive to metal surfaces—stain-resistant to nonferrous metals
- ♦ High flash points
- ♦ Extreme-pressure lubrication without of chlorine- or sulfur-containing additives

#### Typical Physical Properties

Properties	ArChine Hydrotek PAG 46
Appearance	Light yellow, clear liquid
Density, 20°C g/cm <sup>3</sup>	0.985
Viscosity, 40°C mm <sup>2</sup> /s	50.6
Viscosity, 100°C mm <sup>2</sup> /s	8.9
Viscosity Index	157
Flash Point (Open cup, °C)	270
Fire Point, °C	295

#### Distributor Wanted

Shanghai PingYiao Trading CO., Ltd.

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# ARCHINE

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Pour Point, °C	-45
Copper Strip Test, 100°C, 3hr, grade	1
Foaming properties	
24°C	10/0
93.5°C	10/0
24°C	20/0

## Converting to ArChine Hydrotek PAG 46

Installation of ArChine Hydrotek PAG 46 lubricants into machinery that previously contained petroleum oils should follow the recommended flush procedure below:

- ◆ Drain previous lubricant from the equipment.
- ◆ Replace oil filters.
- ◆ Fill the system with the ArChine Hydrotek PAG 46 lubricant to be used. Run or circulate under normal operating conditions for 24 hours. ArChine Hydrotek PAG 46 lubricants will generally clean varnish and sludge build-up formed from petroleum oils.
- ◆ Thoroughly drain the ArChine Hydrotek PAG 46 lubricant from the system while warm.
- ◆ Inspect the oil filters and replace as needed.
- ◆ Fill the equipment with fresh ArChine Hydrotek PAG 46 lubricant and begin normal operation.
- ◆ Inspect and change filters as required. This procedure should be followed for best results. Residual petroleum lubricant can usually be tolerated at low levels in the ArChine Hydrotek PAG 46 lubricant.

## Monitoring ArChine Hydrotek PAG

Although ArChine Hydrotek PAG 46 lubricant will show a greatly extended service life under most conditions, one should not neglect to perform periodic maintenance and inspection, which will help ensure continued trouble-free operation.

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

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