

ArChine Syngear PAG 100

For Compressors, Drivers, Gears, Anti-wear Hydraulics,

Mobile Equipment and Pumps

Product Description

ArChine Syngear PAG 100 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 Syngear PAG 100 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 Syngear PAG 100
Appearance	Light yellow, clear liquid
Density, 20°C g/cm ³	0.991
Viscosity, 40°C mm ² /s	107.0
Viscosity, 100°C mm ² /s	18.1
Viscosity Index	188

Distributor Wanted

Shanghai PingYiao Trading CO., Ltd.

Tel: 86-21-64705533

Adress: A1207, Yin Hai Building, No.250, Caoxi Road, Xuhui District, Shanghai
200235 P.R.China

Telephone helpline: (86)15900706965

Fax: 86-21-64705533-209

Website: www.pingyiao.com

E-mail: info@pingyiao.com

Flash Point (Open cup, °C)	274
Fire Point, °C	296
Pour Point, °C	-42
Copper Strip Test, 100°C, 3hr , grade	1
Foaming properties	
24°C	10/0
93.5°C	10/0
24°C	10/0

Selecting ArChine Syngear PAG 100

AGMA Viscosity Grades

Because of the high viscosity index exhibited by ArChine Syngear PAG (46-680 vs. 90-100 for most petroleum gear lubricants), they are not classified by one AGMA viscosity rating. ArChine Syngear PAG lubricants will effectively span 2 or 3 AGMA petroleum lubricant grades over the operating range of most gear boxes. By knowing either the viscosity required at the operating temperature or the AGMA rating of the current lubricant, the appropriate performing ArChine Syngear PAG L lubricant can easily be chosen.

Selection Guide for ArChine Syngear PAG

Lubricant	AGMA Grades Usually Replaced
ArChine Syngear PAG 46	1-2
ArChine Syngear PAG 68	2-3
ArChine Syngear PAG 150	3-6
ArChine Syngear PAG 220	5-7
ArChine Syngear PAG 460	6-8
ArChine Syngear PAG 680	8-8A

Converting to ArChine Syngear PAG 100

Installation of ArChine Syngear PAG 100 lubricants into machinery that previously contained petroleum oils should follow the recommended flush procedure below:

Distributor Wanted

Shanghai PingYiao Trading CO., Ltd.

Tel: 86-21-64705533

Address: A1207, Yin Hai Building, No.250, Caoxi Road, Xuhui District, Shanghai 200235 P.R.China

Telephone helpline: (86)15900706965

Fax: 86-21-64705533-209

Website: www.pingyiao.com

E-mail: info@pingyiao.com

- ◆ Drain previous lubricant from the equipment.
- ◆ Replace oil filters.
- ◆ Fill the system with the ArChine Syngear PAG 100 lubricant to be used. Run or circulate under normal operating conditions for 24 hours. ArChine Syngear PAG 100 lubricants will generally clean varnish and sludge build-up formed from petroleum oils.
- ◆ Thoroughly drain the ArChine Syngear PAG 100 lubricant from the system while warm.
- ◆ Inspect the oil filters and replace as needed.
- ◆ Fill the equipment with fresh ArChine Syngear PAG 100 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 Syngear PAG 100 lubricant.

Monitoring ArChine Syngear PAG

Although ArChine Syngear PAG 100 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.

Distributor Wanted

Shanghai PingYiao Trading CO., Ltd.

Tel: 86-21-64705533

Address: A1207, Yin Hai Building, No.250, Caoxi Road, Xuhui District, Shanghai
200235 P.R.China

Telephone helpline: (86)15900706965

Fax: 86-21-64705533-209

Website: www.pingyiao.com

E-mail: info@pingyiao.com