

ArChine Syngear PAO 320

Product Description

ArChine Syngear PAO 320 is made of purely synthetic base oil (PAO) and advanced additive technology which has excellent thermal and oxidative stability and superior load carrying ability, suitable for gears under harsh conditions especially for gears requiring resistance to micro pitting. It has excellent high temperature stability, detergency, low temperature liquidity and excellent lubrication characteristics.

Product Features

- Excellent thermal and oxidative stability and long oil change period
- Excellent lubrication characteristics and demulsibility
- Excellent high and low temperature performance, suitable for a wide range of operating temperatures
- Superior corrosion and rust protection
- High mechanical shear resistance
- Resistance to micro pitting
- Superior load-carrying ability
- Good compatibility with seal elements, mineral oils and nonmetal materials

Typical Properties

Test Item	Test Method	ISO 320
Viscosity	ASTM D-445	
cSt @ 40°C		320
cSt @ 100°C		40.6
Viscosity Index	ASTM D-2270	181
Pour point, °C	ASTM D-97	-48
Flash point, °C	ASTM D-92	233
Density, Kg/L@15°C		0.86
Total Acid Number, mg KOH/g	ASTM D-664	0.9
Four-Ball Extreme Pressure Test	ASTM D-2783	
Weld Load, kg		200
Load-Wear Index		51
FZG Micropitting	FVA Proc No.54	10
Copper Strip Corrosion,3hrs	ASTM D-130	1B

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

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Rust Test, salt water	ASTM D-665	Pass
Demulsibility Test, Free Water, ml	ASTM D-2711	85
Water separation, minute, 40/37/3	ASTM D 1401	10
Forming Tendency Seq. II, ml	ASTM D-892	0/0

* These values are not intended for use in preparing specifications.

Applications

- Lubricate gearboxes of wind-driven generator
- Lubricate heavy gearboxes and bearings under high temperature operation such as driving gearboxes of ball mill in power plant
- Lubricate driving gearboxes of vertical mill and turn kiln in cement plant
- Lubricate driving gearboxes of drum pulper in paper mill

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