

ArChine Polyure 180

Description

ArChine Polyure 180 is a high performance EP Polyure grease, it contains solid lubricants and chemically active EP additives.

ArChine Polyure 180 has many advantages, for example: pumpable in centrallubricating systems, very high thermal resistance, extremely resistant to oxidation, water resistant, high stability, corrosion resistant, high pressure load capacity, good adhesiveness, and so on.

Application

ArChine Polyure 180 suits for lubrication of roller and friction bearings under extreme pressure load at very high temperatures.

ArChine Polyure 180 suits in most cases for life time lubrication and for the lubrication of oscillating bearings.

Operation temperature: -20°C~180°C

Technical Data

ArChine Polyure 180	Unit	Test method
Worked penetration, 0.1mm	265-295	GB/T 269
Drop point, °C ≥	250	GB/T 3498
Corrosiveness to Copper (T ₂ Copper, 100°C, 24h)	No change	GB/T 7326 Second method
Water washout characteristics (38°C, 1h), % (m/m) ≤	10	SH/T 0109
Fluid loss (104°C, 6h), g ≤	2.5	SH/T 0326
Oxidation stability, Pressure Drop, MPa (99°C, 100h, 0.770MPa) ≤	0.070	SH/T 0325
Oil separation (100°C, 24h), % (m/m) ≤	5	SH/T 0324
Corrosion stability, (52°C, 48h), grade ≤	2	GB/T 5018

Shanghai PingYiao Trading CO., Ltd.

Tel: 86-21-64705533

Address: Xuhui District, Shanghai Caoxi Yinhai Building, A1207 Room, No. 250

Telephone helpline: 15900706965

Fax: 86-21-64705533-209

Website: www.pingyiao.com

E-mail: info@pingyiao.com

Evaporation (180℃, 1h) , % (m/m) ≤	5	SH/T 0337
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