



PL5 High Temperature Grease

PL5 is upper premium quality greases which combine the unique features of a synthetic base fluid with a lithium complex soap thickener. The wax-free nature of the synthetic base fluid, together with its low coefficient of traction compared with mineral oils, provide excellent low-temperature pumpability, very low starting and running torque and can reduce operating temperatures in the load zone of rolling element bearings.



PL5 High Temperature Grease

◆ Product Description (Benefits)

- Outstanding high and low temperature performance
- Excellent resistance to rust, corrosion and oxidation
- Reduced energy consumption
- Wide service temperature (-40°C~150°C)
- Synthetic + Lithium complex, Red

◆ Application Part

- Automatic grease lubricator
- For heavy duty, automotive and industrial applications
- Higher speed bearing applications, such as electric motors



◆ Product Data

Test item	Unit	Test method	Result
NLGI	grade	ASTM D 217	2
Worked Penetration	0.1mm	ASTM D 217	280
Dropping Point	°C	ASTM D 2265	265
Viscosity of base oil	cSt @40°C	ASTM D 445	220
4 Ball EP	kg	ASTM D 2596	250
Water Washout Characteristic	wt%	ASTM D 1264	3

Note: The above data constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field test with the product selected for a specific application

◆ Suggestion of Using

General automatic lubricating system and lubrication supply system

※ Storage: Approx.12 months if the product is stored in the original closed container in a dry place