



## PL7 Low Temperature Grease

PL7 low temperature grease is formulated with synthetic base fluids and performance additives for applications over a wider temperature range and equipment in arctic environments. PL7 offers longer life at high operating temperatures, better adhesion and excellent load carrying capacity compared to leading competitive products. Specially, it results in lower operating costs by reducing the re-greasing frequency, providing longer equipment protection and reducing maintenance costs to the customer. PL7 delivers excellent cold weather protection with no compromise on high temperature performance with an operating range of  $-40^{\circ}\text{C}$  to  $170^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $338^{\circ}\text{F}$ ). It also meets the NLGI's stringent standard GC-LB for automotive wheel bearing (GC) and chassis (LB) lubrication.



# PL7 Low Temperature Grease

## ◆ Product Description (Benefits)

- PL7 is developed to lubricate equipment in arctic Environments
- Wide service temperature (-40°C~170°C)
- Synthetic + Lithium Complex, Gold

## ◆ Application Part

- Automatic grease lubricators
- Centralized systems on heavily loaded mining machinery such as dragline booms
- Forestry, construction and mining mobile equipment, Conveyors and equipment in refrigerated areas



## ◆ Product Data

Test item	Unit	Test method	Result
NLGI	grade	ASTM D 217	1
Worked Penetration	0.1mm	ASTM D 217A	340
Dropping Point	°C	ASTM D 2265	301
Base Oil Viscosity	cSt @40°C	ASTM D 445	130
4 Ball EP	kg	ASTM D 2596	250
Copper Corrosion	-	ASTM D 4048	1B
Water washout characteristic	wt%	ASTM D 1264	8.0

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

Grease gun, various spreading apparatus, brush and automatic lubricating system

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