

Prime Lubricants Ltd

TECHNICAL DATA

Ultra-Low Temp 2

(Product Code: 1114)

Description

A premium quality grease specifically designed for anti-friction bearings operating at extremely low temperatures as encountered in deep freezing plants and arctic locations. ULTRA LOW TEMP 2 will provide long term lubrication at temperatures down to -60°C without the difficulties of excessive drag usually associated with most lubricants operating at such low temperatures. Due to its high DN factor, ULTRA LOW TEMP 2 can also be used for the lubrication of high-speed spindles bearings.

Outstanding Features

- Good stability at extremely low temperatures prolongs lubrication intervals
- Corrosion inhibitors protect against condensation caused by changing temperatures
- Anti-wear properties provide protection against premature component wear
- Good water resistance, therefore suitable for both indoor and outdoor applications

Directions for Use

ULTRA LOW TEMP 2 can be applied by hand, or by using a standard grease gun, or via a central lubricating system designed for and capable of pumping an NLGI No.2 grease; consult a qualified centralised lubrication systems engineer before installation.

As with all greases used for the first time, check compatibility with the grease applied previously and if necessary, purge bearings prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.

Technical Data

Appearance	-	Brown soft grease
NLGI Classification	-	2
Thickener	-	Lithium complex
Base fluid	-	Blend of synthetic oils
Base fluid viscosity@ 100°C	-	4cSt
@ 40°C	-	1cSt
Water washout (IP 215)	-	2% max.
Dynamic corrosion resistance (IP 220)	-	0:0
Copper corrosion (IP 112)	-	1a
Shell Four Ball (IP 239) Weld load	-	200kgs
DN Factor	-	1,000,000
Operating temperature range	-	-60°C to $+130^{\circ}\text{C}$

The content of this data sheet is given in good faith but without warranty.

(March 09)