Grease USG

High performance grease

Description
Grease USG is a high performance lithium-calcium hydroxystearate thickened grease using the latest extreme pressure, anti-wear, anti-oxidation and corrosion inhibiting additives which are designed to reduce wear, improve grease performance and extend component life in dry and dusty, wet and shock loaded conditions.

Applications
Grease USG has been designed for the lubrication of standard and heavy duty anti-friction roller and plain bearings operating in normal and more demanding applications experienced in many industries such as agricultural, automotive, construction, commercial, industrial and marine application. Grease USG can be applied manually, by using a suitable grease gun or via a central lubrication system. Grease USG has a recommended operating temperature range of -20 to 120°C.

Benefits
- Excellent water washout resistance for the protection against water penetration experienced in wet conditions
- Excellent load bearing properties and anti-wear performance prolongs component life
- Excellent mechanical stability extends relubrication intervals and reduces lubrication costs
- Excellent oxidation stability provides lasting lubrication at high temperatures
- Tackifying additives improve adhesive characteristics

Specifications
Grease USG exceeds the following specifications: DIN 51825 KP2N-20

Typical performance data

	Test method	USG 2
Soap Base	-	Lithium Calcium
Colour	-	Amber
Texture	-	Smooth
NLGI Grade	-	2
Worked Penetration @ 25°C, 1/10mm	ASTM D-217	265-295
Dropping Point, °C	ASTM D-2265	>185
4-ball test, Weld load, Kgf	ASTM D-2596	315
4-ball test, Load Wear Index	ASTM D-2596	48
Water washout @ 80°C, %wt	ASTM D-1264	0.6
Base Oil Viscosity @ 40°C, cSt	ASTM D-445	220
Working Temperature, °C	-	-20 to +120 +150 for short intervals