Alplex 00 Pro Grease

Aluminium Complex Grease

Product Description:

Veedol Alplex 00 Pro Grease is premium aluminium complex thickener-based grease formulated with high viscosity base oil, extreme pressure additives and solid lubricants.

It possesses good adhesion and excellent wear protection properties and is suitable for wide operating temperature range. Solid lubricant with high base oil viscosity forms consistent lubricant film under pressure and prevents metal-to-metal contact during high and shock load conditions. It can be applied through automatic spray systems for large open gear drives operating under heavy loads and high circumferential speeds.

This specially developed grease is devoid of bituminous ingredients or toxic heavy metals for high load applications.

Features/Benefits:

- High base oil viscosity provides excellent lubrication to slow moving parts.
- Excellent EP and anti-wear properties ensure continued protection and life extension even under severe loading conditions.
- Solid lubricants incorporated in the grease protect equipment in sliding motion.
- Good pumpability makes this grease suitable for use in centralized lubrication systems.

Application:

- Open gear drives of mixing drum, ball mills, rotary kiln.
- Heavily loaded couplings, slew ring gears of converters, cranes, crushers etc.
- Lubrication of journal bearings in sugar mills and forging presses.
- Operating temperature range -20°C to +180°C

Typical Properties:

Properties	Test method	Alplex 00 Pro Grease
NLGI Grade		NLGI 00
Soap / Thickener type		Aluminium Complex
Color	Visual	Grayish black
Worked Penetration @ 25°C, 60 double strokes	ASTM D217	423
Drop point, °C	ASTM D2265	198
Four Ball Weld Load, kg	ASTM D2596	500
Four Ball Wear Scar diameter, mm	ASTM D2266	0.46
Copper Corrosion, 100°C for 24hrs	ASTM D130	Negative
Base oil viscosity @ 40°C, cSt	ASTM D445	2500
Base oil viscosity @ 100°C, cSt	ASTM D445	117
Solid lubricant content		MoS2 + Graphite

The above typical properties are those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

STORAGE
All packages should be stored under cover. It should not be exposed to direct sunlight, intense cold and extreme temperature fluctuations. Where outside storage is unavoidable, drums should be laid horizontally or properly covered to avoid the possible ingress of water and damage to drum markings.

HEALTH, SAFETY AND ENVIRONMENT
The informtion on this product is available in the Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information, we recommend you review the MSDS. If handled correctly, there are no special precautions suggested.

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