Alithex 1250 Pro Grease

Premium Grease for Heavy Duty Application

Product Description:

Veedol Alithex 1250 Pro Grease is a premium, heavy duty grease based on lithium-calcium thickener. Formulated with high viscosity base oil and solid lubricants (MoS_2 and graphite), it provides consistent, high strength lubricant film under the harshest conditions involving high loads, slow rotations, and severe vibrations.

It possesses excellent structural stability, high water wash-out resistance and water spray-off characteristics that aids in prolonging lubrication. Fortified with solid lubricants and special EP additives, it prevents metal to metal contact under high loads as well as sudden shock loads.

Features/Benefits:

- High base oil viscosity provides excellent lubrication to slow speed bearings.
- Excellent EP and anti-wear properties ensure continued protection and life extension even under severe loading conditions.
- Solid lubricants, Molybdenum and Graphite incorporated in the grease protect equipment in sliding movement.
- Exceptional resistance to water wash-out ensures proper lubrication and protection under hostile conditions.

Application:

- Lubrication of roller and plain bearings working under low speed and high load.
- Heavy duty applications of steel and cement industries.
- Suitable for pinion and support roller bearings of mills and kilns.
- Heavy duty construction and mining equipment.
- Operating temperature range -20°C to +135°C

Typical Properties:

Properties	Test method	Alitho 1250 Pro Grease
NLGI Grade		NLGI 2
Soap / Thickener type		Lithium - Calcium
Color	Visual	Grayish black
Worked Penetration @ 25°C, 60 double strokes	ASTM D217	285
Drop point, °C	ASTM D2265	198
Water wash-out @ 80°C, % Loss	ASTM D1264	2.1
Four Ball Weld Load, kg	ASTM D2596	500
Four Ball Wear Scar diameter, mm	ASTM D2266	0.5
Timken OK Load, min	ASTM D2509	20
Copper Corrosion, 100°C for 24hrs	ASTM D4048	1b
Emcor rust test, Rating – distilled water	ASTM D6138	0,0
Oil separation, % max	IP 121	5
Solid lubricant content - MoS2 and Graphite		>6%
Base oil viscosity @ 40°C, cSt	ASTM D445	1250

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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