Calsol 2 Pro Grease

Calcium Sulfonate Complex Grease

Product Description:

Veedol Calsol 2 Pro grease is a premium calcium sulfonate complex thickener technology grease that possess excellent high temperature and water tolerance characteristics which makes this grease the ultimate choice for severe applications. Due to its inherent EP property, this grease exhibits great stability in the presence of water, allowing a balance between wear protection and resistance to corrosion.

Calcium Sulfonate complex greases are an excellent alternative to conventional greases for consistent performance in harsh operating conditions. With very high water resistance and improved extreme pressure characteristics, these greases are excellent choices for most demanding applications like steel mill, paper, and pulp machineries.

Features/Benefits:

- Exceptional water tolerance ensures continued lubrication even in presence of heavy water contamination.
- Outstanding high temperature resistance prevents grease from oil bleeding, helps maintain its structure for prolonged time.
- High mechanical and shear stability provides extended re-greasing intervals, reduces overall consumption, and improves cost savings.
- Excellent load carrying capacity protects equipment from heavy and shock loads, reduces break down and improves operating profit.

Application:

- Steel mill applications like ladle turret bearings, continuous caster, work roll bearings, roll neck, Coiler mandrel etc.
- Wet end, grinding and pulper, press etc. in paper and pulp industry.
- Vibrating screens of asphalt hot mix plant.
- Marine and offshore applications.
- Automotive, agricultural, construction, cement and mining industry machinery.
- Applications requiring resistance to high load and humid environment.
- Operating temperature range -20°C to +180°C.
- Can be used above 180°C with increased re-greasing interval. Regreasing interval to be determined by the user.

Typical Properties:

Properties	Test method	Calsol 2 Pro Grease
NLGI Grade		2
Soap / Thickener type		Calcium Sulfonate complex
Appearance	Visual	Smooth, tacky
Color	Visual	Brown
Worked Penetration @ 25°C, 60 double strokes	ASTM D217	285
Penetration 100,000 double strokes	ASTM D217	300
Drop point, °C	ASTM D2265	>300
Base oil properties-		
a. Kinematic Viscosity @ 40°C, cSt	ASTM D445	460
b. Kinematic Viscosity @ 100°C, cSt		30
Copper strip corrosion at 100°C for 24 hrs.	ASTM D4048	Negative
Water washout @80°C, % mass	ASTM D1264	0.8
Oxidation Stability, 100hr@ 99°C, kPa	ASTM D942	10.3
Four Ball Weld Load, kg	ASTM D2596	620
Four Ball Wear Scar, mm	ASTM D2266	0.40
Emcor rust test, rating	IP220	0,0

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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