Calsol EP 2 Grease

Calcium Sulfonate Complex Grease

Product Description:

Veedol Calsol EP 2 grease is an advanced calcium sulfonate complex thickener technology grease developed for use in various high temperature and general applications.

High water resistance and improved extreme pressure characteristics makes this grease suitable for lubrication of all kinds of industrial, automotive, marine, and offshore applications operating under most severe conditions.

Features/Benefits:

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

Application:

- Steel industry, paper and pulp machinery, asphalt hot mix plant.
- Marine and offshore applications.
- Automotive, agricultural, construction machineries.
- Cable, capstans, oven fan bearings, pelleting press bearings etc.
- Applications requiring resistance to high load and humid environment.
- Operating temperature range -20°C to +165°C.
- Can be used above 165°C with increased re-greasing interval. Regreasing interval to be determined by the user.

Typical Properties:

Properties	Test method	Calsol EP 2 Grease
NLGI Grade		2
Soap / Thickener type		Calcium Sulfonate complex
Appearance	Visual	Smooth, buttery
Color	Visual	Brown
Worked Penetration @ 25°C, 60 double strokes	ASTM D217	277
Penetration 100,000 double strokes	ASTM D217	282
Drop point, °C	ASTM D2265	272
Base oil Viscosity @ 40°C, cSt	ASTM D445	150
Copper strip corrosion at 100°C for 24 hrs.	ASTM D4048	Negative
Water washout @80°C, % mass	ASTM D1264	0.80
Oxidation Stability, 100hr@ 100°C, kg/cm2	ASTM D942	0.56
Four Ball Weld Load, kg	ASTM D2596	250
Four Ball Wear Scar, mm	ASTM D2266	0.48
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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