



Alcalsol Premium Calcium Sulphonate Complex Grease

TECHNICAL DATA SHEET

Description:

Veedol Alcalsol Premium grease is superior quality calcium sulphonate complex thickener grease specially formulated with high viscosity base oil and possesses very high load carrying and anti-wear property.

Veedol Alcalsol Premium grease provides excellent performance at high temperatures, loads and maintains good viscosity-temperature reversibility under severe working conditions.

Features/Benefits:

- Outstanding thermal stability for high temperature applications.
- High load carrying capabilities.
- Excellent resistance to water washout.
- Superior oxidation stability.
- Excellent protection against wear and corrosion.
- Excellent viscosity-temperature reversibility.
- Extended re-lubrication intervals & helps to prolong equipment life.

Application:

- Recommended for all heavy duty steel plants and engineering applications where resistance to high temperatures, loads, humidity and water is critical.
- Typically recommended for continuous casters, couplings, run-out rolls bearings in steel plants, CV joints, wheel bearings in automobiles, conveyors, rock crushers in mining and bearings, spindles in pulp and paper mills.

Typical Properties:

Test Parameters	Test Method	Typical Values
Texture	Manual	Smooth, Tacky
Colour	Visual	Light Brown
Soap Type	--	Calcium Sulphonate Complex
NLGI Grade	ASTM D 217	2
Worked penetration @ 25°C, after 60 strokes, mm	ASTM D 217	280
Dropping point, 0C	ASTM D 566	305
Type Of Base Oil		Mineral
Base oil viscosity at 40°C, cSt	ASTM D 445	460
Four Ball weld Load in kgs.	ASTM D 2596	620
Four Ball wear scar diameter, mm	ASTM D 2266	0.45
Water Washout @ 80 'C, % loss	ASTM D 1264	1.0
Pressure oil separation test	ASTM D1742	Nil

Properties mentioned above are typical only and minor variations which do not affect the product performances, are to be expected in normal manufacturing.