



Alitech PD2 Grease

Lithium Based Grease

TECHNICAL DATA SHEET

Description:

Veedol Alitech PD2 grease is lithium based EP type high performance grease formulated with highly refined petroleum oil and fortified with performance additives to give additional Extreme Pressure (EP) properties.

Veedol Alitech PD2 grease is available in NLGI consistency 2.

Features/Benefits:

- High load carrying ability
- Reduce wear
- Protection against rust and corrosion
- Provides excellent load bearing capacity thus extending bearing life
- Resistance to water wash-out
- Extended re-greasing intervals

Application:

- Recommended as multifunctional extreme pressure grease for variety of applications encountering heavy loads in plain / antifriction bearings, gears mainly for high speed applications.
- It is widely used in stone crusher bearings, spindle on textile machinery, bearings of drilling equipment, miniature motors and other industrial applications.

Typical Properties:

Test Parameters	Test Method	Typical Values
Colour	Visual	Yellowish
Texture	--	Smooth
NLGI Consistency	--	2
Soap type	--	Lithium
Worked Penetration, 60st @25 °C	ASTM D 217	265 - 295
Drop Point, °C	ASTM D 2265	>190
Four Ball Weld Load, Kg	ASTM D 2596	250
Four Ball Wear Scar Dia, mm	ASTM D 2266	0.5
Timken OK Load, lb	ASTM D 2509	55
Water Wash Out, % Loss @ 80 °C max	ASTM D 1264	<5
Emcor Rust Protection Test	IP 220	0,0
Oxidation Stability, Pressure Drop kg/cm ² after 100 hrs @ 99 °C max	ASTM D 942	0.4

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