Product Data

Spheerol™ CV Performance

Automotive Wheel Bearing Grease

Description

Castrol Spheerol^{TM} CV Performance is a high quality, lubricating grease developed primarily for the tough trucking environment .

This gel type grease is blended using a combination of base oil, special lithium complex thickener technology and performance additives.

Application

Spheerol CV Performance ex hibits excellent levels of mechanical and thermal stability making it particularly suitable for use in the wheel bearings of passenger cars, buses, farm equipment, off highway and on-highway commerical vehicles including New Generation Multi-Axle trucks for long haul servIce.

Advantages

- Excellent mechanical stability ensuring that an effective lubricant film is maintained between contact surfaces for extended periods.
- Outstanding thermal stability ensuring prolonged resistance to the effects of heavy braking.
- Excellent water resistance improving product retention over extended working periods leading to increased equipment/bearing life.
- Superior corrosion protection and good extreme pressure properties enhancing component life and reducing maintenance.

Typical Characteristics

Name	Method	Units	Spheerol CV Performance
Thickener Type	-	-	Lithium complex
Base oil type	-	-	Mineral
Colour	Visual	-	Blue
Appearance	Visual	-	Smooth and Homogenous
Consistency	ASTM D217	NLGI grade	2.5
Penetration grease @ 25C, 60cycles	ASTM D217	1/10 mm	250-280
Penetration difference worked 100,000 strokes	ASTM D217	1/10 mm	20 max
Shell Roll Stability 50h/80°C	ASTM D1831	1/10 mm	80 max
Base Oil Viscosity at 40°C	ASTM D445	mm^2/s	200 min
Base Oil Viscosity @ 100°C	ASTM D445	mm^2/s	10-14
Drop Point	ASTM D2265	°C	215 min
Oil Separation (Greases) 168h 40°C	DIN 51817	% wt	3 max
Copper Corrosion, 24hrs @ 100C	ASTM D4048	Rating	1b max
SKF Emcor corrosion test dist water	ISO 11007	Rating	0/0 max
Rust Test distilled water	ASTM D1743	Rating	Pass
Water Wash-out (1 hr/79°C)	ASTM D1264	% wt loss	10 max
Four Ball Weld Load	ASTM D2596	Kg	200 min
Four ball wear, Scar	ASTM D2266	mm	0.9 max
Oxidation stability 100h/100°C	DIN 51808	bar	0.35 max

Subject to usual manufacturing tolerances.

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