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VSG[®] - THE 'GREEN' GREASE TYPICAL TEST DATA – NLGI GRADE 2

Main ingredient: name	canola (vegetable) oil
Thickener:	calcium sulphonate
Biodegradability: % after 21 days, CEC L-33-T-82.	81
Eco-toxicity: Daphnia Magna test, 48 hours	LC50 >1,000 ppm
Rainbow Trout test, 96 hours	LC50 >93 cm ² /l
Lead Content: ppm	<1 (none added)
Density: kg/L	>1.0
Color:	brown
Odor:	similar to cooking oil
Penetration: worked at 25°C (77°F), ASTM D-217	280
Dropping Point: °C (°F), ASTM D-2265	250 (480)
USX Mobility: g/minute, 21.7 kPa (150 psi)	
@ -18°C (0°F)	59
@ -23°C (-10°F)	20
@ -29°C (-20°F)	12
@ -34°C (-30°F)	9
Worked Stability: % change after 100,000 strokes, ASTM D-217	+2.3 (softens)
10,000 strokes with 20% water, ASTM D-217	-30 (stiffens)
Oil Bleed: ASTM D-6184, 30 hours @ 100°C (212°F) %	1.4
Wheel Bearing Leakage: ASTM D-1263, grams	1.65
Oxidation Resistance: ASTM D-942, psi drop	10 (after 100 hours)
Timken OK Load: kg, ASTM D-2509	22.7
4 Ball EP: ASTM D-2596, load wear index, kgf	55
weld point, kgf	400
4 Ball Wear: ASTM D-2266, scar diameter in mm	0.45
Salt Fog: ASTM DB-117, hours to failure @ 1 mil d.f.t.	>300
Rust Protection: ASTM D-1743	pass
Copper Strip Corrosion: 24 hours at 100°C (212°F), ASTM D-4048	1b

Plus, no added dyes, heavy metals, chlorinated compounds, zinc compounds or sodium nitrate.

Other test data is available. If you do not see what you want, please contact us.

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