



LUBRIPRO

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TECHNICAL DATA SHEET

LPSyn GR-1500



LPSyn GR-1500

HIGH VISCOSITY SYNTHETIC GREASE

DESCRIPTION

The lubricant LPSyn GR-1500 is a high-performance extreme-pressure grease. It consists of a synthetic fluid and a lithium complex thickener, which gives it a high dropping point, excellent resistance to water washout and exceptional stability.

LPSyn GR-1500 is a unique combination of a synthetic fluid base with carefully selected additives providing excellent protection against wear, rust and corrosion as well as excellent resistance to decomposition at high temperatures. Its paraffin-free synthetic base fluid facilitates pumpability and starting torque at low temperatures. Its tractive force is considerably lower than that of mineral oil, resulting in lower temperatures on heavily loaded roller bearings.

ADVANTAGES

- Low volatility	- Excellent resistance to water washout
- Tough structural stability	- Excellent protection against rust, corrosion and oxidation
- Extended greasing intervals	- Service range from -50°C (60°F) to +232°C (+450°F)
- Significant energy savings	- Excellent wear protection at high loads and temperatures

Characteristics of oil and oil-soluble additives

- Viscosity of synthetic fluid (PAO) - ISO VG: 1500
- Fluid viscosity, cst at 40°C / 100-C) (ASTM D-445): 1500 / 110
- Fluid viscosity, SSU at 100°C / 210°F (ASTM D-445): 8000 / 510

LUBRIPRO CANADA

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CHARACTERISTICS	TEST METHOD ASTM	AVERAGE RESULTS
Viscosity Grade NLGI	-	1
Thickeners	-	Lithium complex
Appearance	-	Filthy and smooth
Color	-	Red
Drop point, °C (°F)	D-2265	288 (550)
Worked Penetrability, - 60 cycles 325 - 10,000 cycles 335 - 100,000 cycles 340	D-217	325 335 340
Corrosion and rust protection - Emcor, modified IP 220 (SKF water wash test)	D-1743	Passed 0,0
Resistance to washing with water at 79°C (175°F), - mass %, max.	D-1264	2
Mobility on steel (US Steel Mobility), - USS DM-43, g/min, 0°F		4
EP and anti-wear protection - Load Timken OK, lb min - Wear test 4 balls, indentation diameter, mm, max - Welding test with 4 balls, kg - Corrected load index, kg	D-2059 D-2266 D-2596	55 0,60 250 50
Bomb oxidation, psi drop - 100 hours, 210°F - 500 hours, 210°F	D-942	2 4

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