



PRODUCT DATA

Castrol Pyroplex Blue

Castrol Pyroplex Blue is the ultimate lubricant for challenging on and off highway environments where water is present. Castrol Pyroplex Blue's unique multifunctional solid lubricant additive builds up tack and adhesion when exposed to water and humidity in saturated environments, while resisting softening and washing out. In high temperature environments, film strength is increased between metal surfaces, and the affinity for metal surfaces is enhanced. This produces a slippery physical barrier of protection. (Note: ASTM wheel-bearing life performance results on second page).

Features and Benefits

Castrol Pyroplex Blue delivers:

- Multifunctional use for both on and off road.
- Better adhesion with improved mobility.
- Increased tack and adhesion in the presence of water (note water spray-off).
- Enhanced extreme pressure and anti-wear performance (note four ball weld).
- Excellent high temperature performance (note drop point).
- GC-LB approved grease.
- Superior rust and oxidation control.

Castrol Pyroplex Blue's Dependable performance under varying conditions reduces maintenance costs while extending equipment life. Castrol Pyroplex Blue's environmental impact is reduced through the non-utilization of Antimony, Barium, Lead, or Chlorinated Compounds.



Industry Specifications and OEM Approvals by Grade

Exceeds GC-LB (NLGI #1 grade only)

Typical Properties*

	Method	1	2
NLGI Grade			
Thickener-Type		Lithium Complex	Lithium Complex
Color		Blue	Blue
Appearance		Smooth-Tacky/Stringy	Smooth-Tacky/Stringy
Penetration, Worked @ 77°F	D217	325	280
Dropping Point, °F	D2265	530	550
4-Ball EP Weld Point, kg	D2596	500	500
Load Wear Index	D2596	90	93
4-Ball Wear Scar, mm	D2266	0.33	0.39
Timken OK Load	D2509	60	60
Mobility-g/Min. 77°F		660	410
Mobility-g/Min., 60°F		300	170
Mobility-g/Min., 40°F		82	55
Mobility-g/Min., 20°F		27	14
Mobility-g/Min., 0°F		6	2
Water Sprayoff @ 100°F, %	D4049	40	18
Base Oil Viscosity, SSU@100°F	D445	750	1150
Base Oil Viscosity, SSU@210°F	D445	75	115
Base Oil Viscosity, cSt@40°C	D445	114	247
Base Oil Viscosity, cSt@100°C	D445	60	24
Rust Prevention	D1743	Pass	Pass
Wheel Bearing Life, hrs	D3527	225	240
Wheel Bearing Leakage,g	D4290	9.3	1.9
Oxidation Stability, @ 100 Hr, psi loss	D942	2	1
Copper Corrosion	D4048	1B	1B

* Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

Part Numbers and UPCs



NLGI Grade	1	2
10 X 14 OZ CTG Case Part No.	54173	55173
35 LB Pail Part No.	55177	55177
120 LB Keg Part No.	54178	55178
400 LB Drum Part No.	54179	55179
Bulk	-----	55170

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDSs are available upon request through your sales contact office, or via the Internet at www.castrol.com/us. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection center.

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