



Pyroplex Blue

PYROPLEX BLUE GREASE

Description

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.

Advantages

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 Characteristics

Name	Method	Units	Pyroplex Blue 1	Pyroplex Blue 2
Appearance		-	Smooth-Tacky/ Stringy	Smooth-Tacky/ Stringy
Thickener -Type			Lithium Complex	Lithium Complex
Colour		-	Blue-	Blue
Penetration, worked @77F	ASTM D217	1/10 mm	325	280
Dropping point, F	ASTM D2265	°F	530	550
Four Ball EP Properties, Weld Point (Kg)	ASTM D2596	Kg Load	500	500
Load Wear Index	ASTM D2596	kgf	90	93
Four Ball Wear Scar, mm	ASTM D2266	mm Scar	0.33	0.39
Timken OK Load	ASTM D2509	lb	60	60
Mobility-g/Min. 77F			660	410
Mobility-g/Min. 60F			300	170
Mobility-g/Min.40F			82	55
Mobility-g/Min.20F			27	14
Mobility-g/Min 0F			6	2
Water Spray Off @100F,%	ASTM D4049	% wt	40	18
Base Oil Viscosity,SSU@100F	D445		750	1150
Base Oil Viscosity,SSU@210F	D445		75	115
Base Oil Viscosity,SSU@40C	D445		114	247
Base Oil Viscosity,SSU@100C	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
Corrosion	D4048		1B	1B

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