



PRODUCT DATA

Castrol Pyroplex Gold

Castrol Pyroplex Gold is a uniquely formulated, semi-synthetic, aluminum complex grease that excels in heavily loaded construction, mining, and industrial equipment where extreme operating conditions prevail. Castrol Pyroplex Gold contains a high level of synergistic solids, including 6% molybdenum disulfide, for maximum surface adhesion and added extreme pressure characteristics. It's tough, durable lubricating film will protect all lubricated parts in high shock loads and boundary conditions.

Castrol Pyroplex Gold's hydro-activated™ polymers coupled with the aluminum complex thickener and carefully selected semi synthetic base fluids provide optimum "stay-in-place" ability and performance in the presence of very wet and or high humidity environments. The advanced formulation couples extreme pressure performance and "stay-in-place" ability in selected applications with outstanding mobility through all seasons.

Castrol Pyroplex Gold (NLGI 2) has assured pumpability in most cold environments that eliminates the traditional approach of changing to a NLGI 1 grade in winter. Castrol Pyroplex Gold has exceptional extreme pressure and high temperature performance as demonstrated through field test conditions and the Timken and Four-Ball Weld tests.

Features and Benefits

Castrol Pyroplex Gold delivers:

- Extreme pressure and anti-wear performance especially in highly shock loaded areas.
- 6% molybdenum disulfide solids.
- Semi-synthetic basestock for unique cold flow and pumping capabilities.
- Excellent thermal stability with a high dropping point
- Enhanced "stay in place" technology with hydro-activated polymers providing very low water spray off rates
- Aluminum complex thickener

In noting the performance characteristics, Castrol Pyroplex Gold will excel in multiple bearing applications, sliding applications, bucket pins, highly shock loaded areas, and asphalt paver auger bearings where extreme pressure and high heat exist.



Typical Properties*

	Method	1	2
NLGI Grade			
Thickener-Type		Aluminum Complex	Aluminum Complex
Color		Gold	Gold
Appearance		Tacky	Tacky
Penetration, Worked @ 77°F	D217	330	275
Dropping Point, °F	D2265	500	500
4-Ball EP Weld Point	D2596	800	800
Load Wear Index	D2596	115	120
4-Ball Wear Scar, mm	D2266	0.4	0.39
Timken OK Load	D2509	70	70
Mobility-g/Min. 77°F	USS	1810	624
Mobility-g/Min., 60°F		908	305
Mobility-g/Min., 40°F		421	85
Mobility-g/Min., 20°F		91	21
Mobility-g/Min., 0°F		12	12
Water Sprayoff @ 100°F	D4049	30	12
Base Oil Viscosity, SSU@100°F	D445	700	1214
Base Oil Viscosity, SSU@210°F	D445	78	114
Base Oil Viscosity, cSt@40°C	D445	134	232
Base Oil Viscosity, cSt@100°C	D445	15	23
Rust Prevention	D1743	Pass	Pass
Wheel Bearing Life, hrs	D3527	140	140
Copper Corrosion	D4048	1A	1A

* 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.	-----	58773
35 LB Pail Part No.	-----	58777
120 LB Keg Part No.	56778	58778
400 LB Drum Part No.	56779	58779
Bulk	56770	58770



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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