



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 on the reverse side (see brochure).

In noting the performance characteristics, **Castrol Pyroplex Gold** will excel in multiple bearing applications, sliding applications and high loading and pounding environments.

BP Lubricants USA Inc.
1500 Valley Road
Wayne, New Jersey 07470

Telephone 1.800.255.4417

Form No 5677 EAM 04/02/2007
(Over)

IT'S MORE THAN JUST OIL. IT'S LIQUID ENGINEERING.™



TYPICAL ANALYSIS

Part Number NLGI Grade	5677 1	5877 2
Thickener Type Color Appearance	Aluminum Complex Gold Smooth-Tacky	Aluminum Complex Gold Smooth-Tacky
Penetration (D-217) W60	330	272
Dropping Point °F. (D-2265)	500	500
Base Oil Viscosity		
SSU @ 100° F.	700	1,214
SSU @ 210° F.	78	114.5
cSt @ 40° C	134.2	232
cSt @ 100° C	14.6	23
Four Ball:		
Weld (D2596)	800 kg	800 kg
LWI (D2596)	115	120.2
Scar-mm (D2266)	0.40 mm	0.39 mm
Timken OK Load (D-2509)	70	70
Water Spray-off (D-4049)	30	11.7
Pumpability - g/min (USS)		
@ 77° F.	1810	624
@ 60° F.	908	305
@ 40° F.	421	85.2
@ 20° F.	91	20.8
@ 0°F.	12.1	1.6
Wheel Bearing Life (D-3527)	140 hrs.	140 hrs.
Oil Separation, % (D-1742)	0	0
Copper Corrosion (D-4048)	1A	1A
Rust Prevention (D-1742)	Pass	Pass