



Alpha™ OG 1500

Open Gear Oil

Description

Castrol Alpha™ OG 1500 (previously called COG 1500) is a high viscosity compound oil specially developed for the lubrication of open gears and heavily loaded bearings. They are blends of selected hydrocarbon base stocks, specially selected extreme pressure (E.P.) and polar type additives.

Alpha OG 1500 does not contain any harmful materials such as lead, bitumen or solvent.

Application

Alpha OG 1500 is suitable for use in a wide range of heavy duty gears and roller applications.

- Heavily loaded open gears.
- Roller bearings.
- Heavily loaded slow moving sliding surfaces.

Advantages

- High viscosity and good adhesion.
- Contains both polar and E.P. load bearing additives.
- Reduced friction, prevents scuffing and wear.
- Does not contain any lead type additives.
- Does not contain any harmful solvents.
- Can be applied by lubrication from open bath, drip or pressure feed.

Typical Characteristics

Name	Method	Units	Alpha OG 1500
Appearance	Visual	-	Clear dark brown viscous
Density @ 30°C / 86°F	ISO 12185 / ASTM D4052	kg/m ³	945
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm ² /s	1500
Pour Point	ISO 3016 / ASTM D97	°C/°F	-3/27
Flash Point - closed cup method	ISO 2719 / ASTM D93	°C/°F	>220/428
Fire Point	ISO 2592 / ASTM D92	°C/°F	>230/446
AGMA Grade No.	-	-	9EP
Foam Sequence I - tendency / stability	ISO 6247 / ASTM D892	ml/ml	20/0
Foam Sequence II - tendency / stability	ISO 6247 / ASTM D892	ml/ml	20/0
Foam Sequence III - tendency / stability	ISO 6247 / ASTM D892	ml/ml	20/0
Air Release @ 75°C / 167°F	ISO 9120 / ASTM D3427	min	40
Demulsification - Steam method	IP 19	sec	1400
Acid Number	ISO 6619 / ASTM D664	mgKOH/g	0.15
Copper corrosion (3 hrs@100°C/212°F)	ISO 2160 / ASTM D130	Rating	1b
Timken OK Load test	ASTM D2782	kg/lb	65/143
FZG Gear Scuffing test - A/8.3/90	ISO 14635-1	Rating	>12
Four Ball Wear test - Wear Scar Diameter (1 hr, 20kg, 1800 rpm) Initial Seizure Load Weld Point	IP 239	mm kg kg	0.321 145 450

Subject to usual manufacturing tolerances.

This product was previously called COG 1500. The name was changed in 2015

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