



Product Data

Castrol Spheerol EPL

Description

Castrol Spheerol EPL range of greases are lithium 12-hydroxy base products designed with high quality refined mineral base oils and fortified with extreme pressure (EP) additives as well as corrosion and oxidation inhibitors. These greases have been formulated with a special EP package that provides high film strength under high loads and shock loadings.

Application

Castrol Spheerol EPL greases are available in a range of consistencies to suit most applications, from an NLGI 2 for general purpose bearing lubrication to an NLGI 0 semi-fluid grease suitable for centralized lubrication systems and grease filled gearboxes. These greases provide good protection against rust and corrosion and resist water wash-out which makes them particularly suitable for equipment where moist or wet conditions are common.

Advantages

- > Excellent mechanical stability: Grease keeps its consistency in service ensuring long term protection
- > Good adhesion: Continuous lubrication and reduced consumption as film stays between lubricated surfaces
- > Good water resistance: Coating film stays on the surface even in presence of water
- > Excellent resistance to copper and steel corrosion: Extended bearing life and performance
- > Excellent EP and anti-wear properties: Protects equipment against extreme loading and helps minimize bearing components wear and hence extends equipment life

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www.castrol.com/Industrial



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Typical Properties

Test	Test	EPL 0	EPL 1	EPL 2
Appearance	Visual	Amber	Amber	Amber
Dropping Point, C, min	D 2265	190	200	200
Base Oil Viscosity, cSt @ 40C	D445	150-200	150-200	150-200
Penetration, 60 strokes @ 25°C, 1/10 mm	D217	355-385	310-340	265-295
Penetration, 100,000 strokes, Penetration change, percentage	D217	2.3	2.0	1.5
Roll Stability (96 hrs), % change, max	D1831	2.0	1.0	1.0
Bomb oxidation @ 99C Pressure drop @100h, PSI, max	D942	6	5	5
4-ball Wear test, mm scar, max	D2266	0.45	0.45	0.45
4-ball EP, kg weld, min	D2596	200	250	250
Corrosion Test, 48 hr. @ 52C, Rating	D1743	Pass	Pass	Pass
Copper corrosion, 48 hrs, 100°C	D4048	Pass	Pass	Pass
Water washout, % loss @175°C	D1264	NA	7.0	3.0

User Advice

Proper grease selection depends upon several factors, including temperature, speed, bearing size, load and method of application (e.g. hand gun applicators, centralized systems). Contact your Castrol Account Manager for assistance

Additional Information

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