

## Spheerol EP 2

Bearing Grease

### Description

Castrol Spheerol EP2 is an extreme pressure, lithium-based, general-purpose industrial grease of an NLGI No. 2 consistency.

### Application

Castrol Spheerol EP2 is recommended as a general-purpose grease in all heavily loaded or shock-loaded plain and anti-friction bearings or where an extreme pressure additive is required on industrial plant and earthmoving equipment. The product is suitable for operating temperatures between -25°C to 120°C.

### Advantages

- High mechanical stability – the grease keeps its consistency in service ensuring long lubricant life
- Good adhesion – continuous lubrication and reduced consumption as film stays between lubricated surfaces
- Good water resistance – the grease film remains on the surface even in the presence of water
- Resistant to copper and steel corrosion – helps prevent rust and oxidation on metal surfaces
- Excellent EP and anti-wear properties – protects equipment against extreme loading and helps minimise bearing component wear

### Typical Characteristics

Name	Method	Units	Spheerol EP 2
Appearance	Visual	-	Smooth and Homogeneous
Colour	Visual	-	Amber
Consistency	ASTM D217	NLGI Grade	2
Viscosity, Kinematic @ 40°C	ASTM D445	mm <sup>2</sup> /s	160
Dropping Point	IP 396	°C	200
Thickener Type	-	-	Lithium
Worked Penetration( (60 strokes @ 25°C / 77°F))	ASTM D217	0.1 mm	275
Copper Corrosion, 24hrs @ 100C	ASTM D130	Rating	1a
Rust Prevention, grease (Emcor)	IP 220	Rating	0/0
Oil separation 168hrs@40°C	IP 121	% wt.	2.2
Water Wash-out (1 hr/79°C)	ASTM D1264	% wt loss	2.1
For Ball weld Load	ASTM 2596	Kgf	250
Four ball wear scar (1hr, 40Kg)	IP 239	mm	0.44

Subject to usual manufacturing tolerances.

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