

Castrol Spheerol AP

Description

Spheerol AP 2 and AP 3 are lithium soap thickened greases.

Application

Spheerol AP 2 and AP 3 are lithium-based greases incorporating solvent-refined base oils. They contain oxidation and corrosion inhibitors, which help to ensure long service life and a high level of protection for metal surfaces. The greases are water-resistant.

Spheerol AP 2 and AP 3 are mainly intended for use in plain and roller bearings of all types and in all kinds of machinery under normal load conditions and within an operating temperature range of -20 °C to +120 °C.

Advantages

- Corrosion inhibitor additives ensure protection of metal surfaces extending bearing life.
- Oxidation inhibitors extend the life of the grease in high temperature applications minimising the need for re-greasing.
- Water resistance ensures good levels of protection in wet applications.

Typical Characteristics

Test	Method	Unit	AP 2	AP 3
Thickener Type	-	-	Lithium soap	
NLGI Classification	ASTM D217	-	2	3
Colour	Visual	-	Yellow / brown	Light brown
Texture	Visual	-	Smooth	
Drop Point	ASTM D566	°C	>180	174
Base Oil Viscosity at 40 °C	ASTM D445	mm ² /s	85 - 105	120
Worked Penetration, 25°C / 60 Strokes	ASTM D217	0.1 mm	265 - 295	235
Emcor Rust Prevention (Distilled Water)	DIN 51802	-	1-1 max	-
Water Washout at 40°C	ASTM D1264	%wt	3.5 max	-
Flow Pressure -20°C	DIN 51805	mbar	1000 max	-
Operating Temperature	-	°C	-20 to 120	-30 to 120

Storage

All packages should be stored upright in a covered area, away from extreme climatic influences, dirt and dust.

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