

Spheerol AP

Bearing Grease

Description

Spheerol AP are lithium soap thickened greases.

Application

Spheerol AP 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 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 regreasing.
- Water resistance ensures good levels of protection in wet applications.

Typical Characteristics

Test	Method	Unit	AP 2	AP 3
NLGI grade	ASTM D217	-	2	3
Colour	Visual	-	yellow brown	light brown
Texture	Visual		smooth	smooth
Drop point	ASTM D566	°C	>180	174
Base oil viscosity@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 @40 °C	ASTM D1264	%wt	3.5 max	-
Flow pressure -20 °C	DIN 51805	mbar	1000 max	-
Operating temperature	-	°C	-20 - 120	-30 - 120

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Storage

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

Castrol Spheerol AP

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