

Spheerol™ EPL 00

Lithium semi-fluid grease

Description

Spheerol™ EPL 00 grease is a lithium base general purpose extreme pressure grease, based upon mineral oils and incorporating extreme pressure agents.

Application

Spheerol EPL 00 grease is a NGLI 00 semi-fluid grease suitable for centralised lubrication systems and grease filled gearboxes. Spheerol EPL 00 incorporates powerful rust inhibitors to protect components against corrosion.

Advantages

- Wide operating temperature range of -10°C to 120°C.
- Good adhesion and EP performance.

Typical Characteristics

Name	Method	Units	Spheerol EPL 00
Thickener type	-	-	Lithium
Base oil type	-	-	Mineral
Consistency	ASTM D217	NLGI Grade	00
Colour	-	-	Amber to Brown
Worked Penetration (60 strokes @ 25°C / 77°F)	ASTM D217	0.1 mm	400-430
Base Oil Viscosity @ 40°C / 104°F	ASTM D445	mm ² /s	150-200
Dropping point	ISO 2176 / ASTM D566	°C	160
Copper corrosion, 24 hours @ 100°C	ASTM D4048	Rating	1b max
4 ball wear test (1h @ 75°C 40kg)	ASTM D 2266	mm	1 max
Flow pressure @ -20°C	DIN 51805	hPa	<1400 @ -20°C

Subject to usual manufacturing tolerances.

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings.

Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Spheerol™ EPL 00

07 Dec 2015

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, to the extent that it is permissible by law to exclude warranties and representations, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. Refer to the MSDS, available from our website for further information. No responsibility is taken by either Castrol Australia, BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Australia Pty Limited - ABN 87 008 459 407 – 717 Bourke Street, Docklands Vic 3008
Technical Advice Line: 1300 557 998 Customer Service: 1300 722 088
<http://msdspd.castrol.com>