

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.

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