

Castrol Ball Bearing Grease Range

Multi Purpose Lithium Soap Grease

Description

These are multipurpose lithium soap base greases of NLGI No.1 and No.2 consistencies having good extreme pressure, anti-oxidant and anti-rust properties. Both the greases enjoy excellent storage and service stability.

Application

The EPL series of greases is ideal for all plain and anti-friction bearings of industrial equipment used in steel plants, heavy engineering units, machine tool units, textile mills, paper mills, fertilizer plants, tea garden machinery, sugar mills, etc., particularly where contacting surfaces are exposed to very heavy pressure and shock loads. With the use of Castrol Ball Bearing EPL Greases, the service life of lubricated parts (even when subjected to heavy shock loads) gets increased appreciably as the EP additives provide a high degree of film stability to combat shock load fatigue stresses. These greases can easily be pumped through hand or power operated dispensing systems over a wide temperature range. Castrol Ball Bearing EPL1 Grease is particularly suitable for centralised systems

Advantages

Ball Bearing EPL Greases provide:

- Protection to contacting surfaces against rust, corrosion and wear, even under extreme pressure and shock load conditions.
- Good storage life.
- Excellent stay put properties at low and high temperatures even on exposure to extended shear and thermal cycle.
- Protection to moving parts from rust and corrosion under humid conditions.
- Adequate pumpability over a wide temperature range assures trouble free dispensing using different systems.

Typical Characteristics

Name	Method	Units	EPL 1	EPL 2
Appearance	Visual	-	Dark Brown	Dark Brown
Thickner Type	-	-	Lithium	Lithium
Consistency	ISO 2137 / ASTM D217	NLGI Grade	1	2
Worked Penetration (60 strokes @ 25°C)	IP 50	0.1 mm	310	280
Dropping Point °C	IP 132	°C	185	185
Corrosion Prevention Test	ASTM D 1743	Rating	Pass	Pass
Four Ball EP Test	IP 239	kg	200	200
Timken OK Load	ASTM D 2509	kg	20	25

Subject to usual manufacturing tolerances.

Additional Information

The performance levels of Castrol Ball Bearing EPL 2 Greases exceed the standards set under IS-7623 - 1974 for water wash-out characteristic.

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