

PRODUCT DATA SHEET

GREASE EP (JOR)

EP Grease is extreme pressure lithium soap grease, which contain oxidation, rust and corrosion inhibitors and provide excellent EP properties. The use of a lithium soap base ensures effective resistance to softening under severe working conditions, efficient water resistance and a consistency, which remains relatively constant over the recommended range of operating temperatures. EP Greases are non-corrosive to both steel and copper. The later is of importance because of the use of bronze cages in many anti-friction bearings. This grease showed effective resistance to bleeding and superior resistance to water washout properties.

BENEFITS

- Superior lubrication under heavy and shock loading.
- Excellent load carrying ability.
- Excellent resistance to water washing.
- Effective rust protection and corrosion resistance.

APPLICATIONS

EP Greases are recommended for lubrication of plain and rolling element bearings in normal through heavy-duty industrial applications. They are suitable where loads are high or shock loads are present. They resist water washing and provide rust protection for bearings if water is present.

The softer grades are particularly suitable for use in centralized lubrication systems. It can be use for both automotive and industrial applications.

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE	TEST METHOD
NLGI GRADE	-	2	-
Color	-	Dark Brown	Visual
Texture	-	Smooth	Visual
Thickener Type	-	Lithium	-
Mineral Oil Viscosity @ 40 °C	mm ² /s	200.0	ASTM D-445
Mineral Oil Viscosity @ 100 °C	mm ² /s	17.5	ASTM D-445
Dropping Point (min)	°C	195	ASTM D-2265
Worked Penetration at 25 °C	mm/10	265/295	ASTM D-217
Oil Separation, mass % (max)	% mass	5.0	ASTM D-1742
Operation Temp	°C	-10 to 125	-
Base Number	mg KOH/g	<1.0	ASTM D-2896
Rust Test	-	Pass	ASTM D-1743
Timken OK Load	Kg	18	ASTM D-2509
Product Code		0490	

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

