



## Quantum Jasper Grease EP

### Description

Quantum Jasper 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 noncorrosive to both steel and copper. The latter is of importance because of the use of bronze cages in many anti-friction bearings. The grease exhibit 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.

### Product Characteristics\*

#### Application

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. Can be used for both automotive and industrial applications.

PROPERTIES	UNITS	VALUES		TEST METHOD
<b>NLGI GRADE</b>	-	<b>2</b>	<b>3</b>	-
<b>Color</b>	-	Dark Brown	Dark Brown	Visual
<b>Texture</b>	-	Smooth	Smooth	Visual
<b>Thickener Type</b>	-	Lithium	Lithium	-
<b>Mineral Oil Viscosity @ 40°C</b>	mm <sup>2</sup> s mm <sup>2</sup> s	200.0	200.0	ASTM D-445
<b>@100°C</b>		17.5	17.5	ASTM D-445
<b>Dropping Point (min)</b>	°C	195	195	ASTM D-2265
<b>Worked Penetration @ 25 °C</b>	mm/10	265/295	220/250	ASTM D-217
<b>Rust Test</b>	-	Pass	Pass	ASTM D-1743
<b>Timken OK Load</b>	kg	18	18	ASTM D-2509