

# GRESON LC EP GREASES

## GENERAL PURPOSE LITHIUM/CALCIUM SOAP HIGH PERFORMANCE GREASE

### PRODUCT DESCRIPTION

GRESON LC EP greases are produced using special lithium/calcium soap based thickener, high viscosity index base oils and superior additive technology. Thanks to its resistance to water, oxidation, rust and corrosion, they are general purpose industrial greases that show high performance in harsh operating conditions where EP properties are required.

### APPLICATION/USAGE

It is formulated for use in vehicles and equipment in the iron and steel, cement, transportation and agriculture industries where all types of plain bearings, vertical shaft applications, medium-speed and heavy-duty bearings are used.

The recommended operating temperature range is from -20 °C to 120°C.

### ADVANTAGES/BENEFITS

- They show high performance in hard working conditions with heavy loads due to containing extreme pressure EP additives.
- They provide a good equipment protection, extends its life and reduces maintenance costs due to their superior anti-wear properties.

- They are having superior water resistance; it provides a decrease in grease consumption by extending the lubrication intervals in applications where water and humidity are intense.
- Thanks to its anti-corrosion additives, it protects the bearings against corrosion and prolongs their life.
- With its oxidation and thermal stability, it provides effective and reliable lubrication at high operating temperatures.

### STORAGE

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature must be between (+5)-(+40)°C.

### HEALTH AND SAFETY

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application. Used or waste product should not be allowed to contaminate soil or water. Used or waste product should be disposed of in accordance with local regulations. For further guidance on product Health and Safety refer to the appropriate Material Safety Data Sheet.

TECHNICAL PROPERTIES	TYPICAL VALUES				TEST METHOD
Soap Type	Lithium-Calcium				-
NLGI Class	0	1	2	3	-
Base oil Viscosity (mm <sup>2</sup> /sn)	220	220	220	220	ASTM D 445
Worked Penetration, (25°C,60 strokes)	365	320	269	240	ASTM D 217
Dropping Point (°C)	160	165	170	175	ASTM D 566
Corrosion Test	Pass				ASTM D 1743
Welding Load (kg)	250	280	280	280	ASTM D 2596
DIN Classification	K P 0 K-20	K P 1 K-20	K P 2 K-20	K P 3 K-20	DIN 51825

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."

03.2023.10.17

