

GRESON LIT-EP GREASES

MULTIPURPOSE MULTI-PURPOSE LITHIUM SOAP GREASES WITH EP ADDITIVES

PRODUCT DESCRIPTION

GRESON LIT-EP GREASES are long-life, multi-purpose, lithium soap based greases blended with mineral oils and extreme pressure additives, resistant to wear, corrosion and water wash-out.

APPLICATION/USAGE

They are recommended for multi-type industrial applications such as medium and high speed/ load bearings, every type of shear surfaces, vertical shaft applications, electrical motors, lubrication of automotive equipments.

These greases are suitable for humid environments due to their superior protection against corrosion and oxidation and resistance to water wash-out. The temperature of usage is between -20°C and 130°C.

ADVANTAGES/BENEFITS

- They provide long-life protection for vehicles due to their high thermal stability and wear preventive properties.
- They provide low wear values under shock or heavy loadings.
- They have high pumpability to central lubrication systems (EP 0 and 1).
- They provide a good equipment protection and lubrication due to their superior protective properties against corrosion and oxidation.
- They have high water resistance, so that they can perform long-time lubrication without being washed away with water.

- They are cost effective in Grease consumption due to their excellent lubrication properties.
- They are long-life products due to their high oxidation resistance.

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.

"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."

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| TECHNICAL PROPERTIES | TEST VALUES | | | | | | TEST METHOD |
|--|----------------|---------------|--------------|--------------|--------------|--------------|-------------|
| NLGI Class | 000 | 00 | 0 | 1 | 2 | 3 | - |
| Color | Yellow | | | | | | - |
| Soap Type | LITHIUM | | | | | | - |
| Soap Content (%), min | 5 | 5 | 5 | 6 | 8 | 10 | |
| Worked Penetration, (25°C,60 strokes) | 465 | 420 | 375 | 330 | 275 | 240 | ASTM D 217 |
| Base Oil Viscosity (40°C, cSt) | 160 | | | | | | ASTM D 445 |
| Dropping Point (°C) | - | 110 | 160 | 180 | 190 | 195 | ASTM D 566 |
| Oil Separation (% , 40°C, 18 h) | 10 | 10 | 8 | 6 | 5 | 4 | IP 121 |
| Corrosion Preventive Properties | No corrosion | | | | | | ASTM D 1743 |
| Welding Load (Four-Ball Method) (kg), min | 280 | | | | | | ASTM D 2596 |
| DIN Classification | KP 000 K-20 | KP 00 K-20 | KP 0 K-20 | KP 1 K-20 | KP 2 K-20 | KP 3 K 20 | DIN 51825 |

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