

## GRESON LK-246

### LITHIUM COMPLEX SOAP INDUSTRIAL GREASE

#### PRODUCT DESCRIPTION

GRESON LK-246 is long-life, high performance lithium complex soap based grease 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 180 °C.

#### ADVANTAGES/BENEFITS

- It provides long-life protection for vehicles due to its high thermal stability and wear preventive properties
- It provides low wear values under shock or heavy loadings.

- It provides a good equipment protection and lubrication due to its superior protective properties against corrosion and oxidation.
- It has high water resistance, so that it can perform long-time lubrication without being washed away with water.
- It is long-life product due to its 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.

TECHNICAL PROPERTIES	TEST VALUES	TEST METHOD
NLGI Class	2	-
Soap Type	Lithium Complex	-
Color	Blue	-
Base oil Viscosity (40°C, cSt)	460	ASTM D 445
Worked Penetration, (25°C, 60 strokes)	265-295	ASTM D 217
Dropping Point (°C)	min. 250	ASTM D 566
Welding Load (kg)	min. 315	ASTM D 2596
Copper Corrosion (3 h, 100°C)	1b	ASTM D 2782
Corrosion Test	No Corrosion	ASTM D 1743
DIN Classification	KP 2 R-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."

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