

JK Lubes

LYTHERO  TM

INDUSTRIAL GREASE



Technical Data Sheet

Multi-Purpose Lithium Grease

Meets IS 7623 : 2019

Product Description

Lythero Lithium Multi-Purpose (MP) Grease is a lithium soap-based grease having good thermal and structural stability along with resistance to water.

Features & Benefits

- Good thermal and structural stability.
- Good water resistance properties.
- Good protection against rust and corrosion.
- Extended bearing life.

Applications

Lythero MP greases are multipurpose greases recommended for antifriction and plain bearings in industrial & automotive applications. They are widely used in steel plants, cement plants and other industrial applications.

Specification

| NLGI GRADE | - | 3 |
|-------------------------------------|------------|--------------|
| Appearance | Visual | Smooth |
| Colour | Visual | Light Yellow |
| Penetration, 60 strokes | ASTM D217 | 220 - 250 |
| Drop Point, °C, min | ASTM D566 | 180 |
| Base Oil Kin. Viscosity @40°C, cSt | ASTM D445 | 90 - 110 |
| Copper Strip Corrosion, rating, max | ASTM D4048 | 1b |
| Water Washout@80°C, % loss, max | ASTM D1264 | 4 |
| Operating temperature range, °C | - | -10 to +130 |

Product Code I358I-LZMP

Available pack sizes 18 Kg and 180 Kg

Health Safety and Environment

This product is not likely to present any significant health or safety hazards when properly used in recommended application and good standards of personal hygiene are maintained. For disposing of used product, do not discharge into drains, soil or water. It should be properly disposed off by taking it to an authorized place to avoid any harm to the environment. Please refer Safety Data Sheet for this product available with customer care.



Effective Date: Dec 2024 / Rev: 01

Properties mentioned above are typical only and minor variations which do not affect the product performances are to be expected in normal manufacturing. The above information is for reference purpose only and must not be constructed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade.

The information contained herein is believed to be correct at time of publication. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products. JK Fenner (India) Ltd reserves the right to modify and change its products and specifications without prior notice. <https://www.jkfenner.com/>

Technical Data Sheet

Multi-Purpose Lithium Grease – Premium Grade

Meets IS 7623 : 2019

Product Description

Lythero Lithium Multi-Purpose (MP) Greases are Premium high quality lithium soap grease based on high Base Oil viscosity of 160 cSt @ 40°C. It is formulated to provide excellent thermal and structural stability along with high resistance to water.

Features & Benefits

- ☑ Excellent thermal and structural stability.
- ☑ Excellent water resistance properties.
- ☑ Excellent protection against rust and corrosion.
- ☑ Extended bearing life.



Applications

Lythero MP greases are multipurpose greases recommended for antifriction and plain bearings in industrial & automotive applications. They are widely used in steel plants, cement plants and other industrial applications.

Specification

| NLGI GRADE | - | 3 |
|-------------------------------------|------------|-------------|
| Appearance | Visual | Smooth |
| Colour | Visual | Red |
| Penetration, 60 strokes | ASTM D217 | 220 – 250 |
| Drop Point, °C, min | ASTM D566 | 180 |
| Base Oil Kin. Viscosity @40°C, cSt | ASTM D445 | 160 – 200 |
| Copper Strip Corrosion, rating, max | ASTM D4048 | 1b |
| Water Washout@80°C, % loss, max | ASTM D1264 | 4 |
| Operating Temperature range, °C | - | -10 to +130 |

Product Code: I3581-LYMP

Available pack sizes: 500 g, 1Kg, 3 Kg, 5 Kg, 18 Kg and 180 Kg

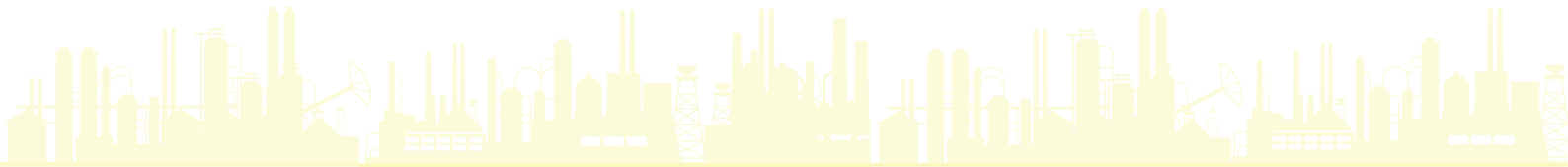
Health Safety and Environment

This product is not likely to present any significant health or safety hazards when properly used in recommended application and good standards of personal hygiene are maintained. For disposing of used product, do not discharge into drains, soil or water. It should be properly disposed off by taking it to an authorized place to avoid any harm to the environment. Please refer Safety Data Sheet for this product available with customer care.

Effective Date: Dec 2024 / Rev: 01

Properties mentioned above are typical only and minor variations which do not affect the product performances are to be expected in normal manufacturing. The above information is for reference purpose only and must not be constructed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade.

The information contained herein is believed to be correct at time of publication. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products. JK Fenner (India) Ltd reserves the right to modify and change its products and specifications without prior notice. <https://www.jkfenner.com/>



Technical Data Sheet

Extreme Pressure Lithium Grease

Meets IS 7623 : 2019

Product Description

Lythero Lithium Extreme Pressure (EP) Greases are high performance greases formulated with highly refined petroleum oil and fortified with performance additives to give additional EP properties.

Features & Benefits

- High load carrying capacity.
- Prevents excessive wear.
- Protection against rust and corrosion.
- Extended bearing life

Applications

Lythero Lithium EP greases are recommended for a variety of applications encountering heavy loads or shock loads in plain or antifriction bearings. They are widely used in steel plants, cement plants and other industrial applications.

Specification

| NLGI GRADE | - | 2 |
|-------------------------------------|------------|-------------|
| Appearance | Visual | Smooth |
| Colour | Visual | Blue |
| Penetration, 60 strokes | ASTM D217 | 265 - 295 |
| Drop Point, °C, min | ASTM D566 | 190 |
| Base Oil Kin. Viscosity @40°C, cSt | ASTM D445 | 135 - 165 |
| Copper Strip Corrosion, rating, max | ASTM D4048 | 1b |
| Four Ball Weld Load, Kg, Min | ASTM D2596 | 250 |
| Operating Temperature range, °C | - | -10 to +130 |

Product Code: I3581-LZEP

Available pack sizes : 5 Kg, 18 Kg and 180 Kg

Health Safety and Environment

This product is not likely to present any significant health or safety hazards when properly used in recommended application and good standards of personal hygiene are maintained. For disposing of used product, do not discharge into drains, soil or water. It should be properly disposed off by taking it to an authorized place to avoid any harm to the environment. Please refer Safety Data Sheet for this product available with customer care.



Effective Date: Dec 2024 / Rev: 01

Properties mentioned above are typical only and minor variations which do not affect the product performances are to be expected in normal manufacturing. The above information is for reference purpose only and must not be constructed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade.

The information contained herein is believed to be correct at time of publication. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products. JK Fenner (India) Ltd reserves the right to modify and change its products and specifications without prior notice. <https://www.jkfenner.com/>

Technical Data Sheet

High Temperature Lithium Complex Grease

Product Description

Lythero Lithium Complex Greases are high performance, smooth homogeneous greases formulated with highly refined petroleum oil and fortified with antioxidant and performance enhancement additives.

Features & Benefits

- Exceptional high drop point over 260°C provides excellent resistance to leakage, dripping and throw off at elevated operating temperatures.
- Excellent EP and anti wear properties
- High water resistance & give excellent service in applications where water ingress is unavoidable.
- Very good Thermal & Mechanical stability
- Protection against rust and corrosion
- Extended bearing life

Applications

Lythero Lithium complex greases are recommended for lubrication of bearings under heavy loads and high temperatures. They are popular as steel plant greases. They can also be used in cement plants, power plants and other industrial applications.

Specification

| NLGI GRADE | - | 2 |
|------------------------------------|------------|-------------|
| Appearance | Visual | Smooth |
| Colour | Visual | Green |
| Penetration, 60 strokes | ASTM D217 | 265 - 295 |
| Drop Point, °C, min | ASTM D566 | 260 |
| Base Oil Kin. Viscosity @40°C, cSt | ASTM D445 | 198 - 248 |
| Copper Strip Corrosion, rating | ASTM D4048 | 1b |
| Water Washout@80°C, % loss, max | ASTM D1264 | 5 |
| Operating Temperature range, °C | - | -10 to +140 |
| Four Ball Weld Load, Kg, Min | ASTM D2596 | 315 |

Product Code: I3581-LZHT

Available pack sizes: 5 Kg and 18 Kg

Health Safety and Environment

This product is not likely to present any significant health or safety hazards when properly used in recommended application and good standards of personal hygiene are maintained. For disposing of used product, do not discharge into drains, soil or water. It should be properly disposed off by taking it to an authorized place to avoid any harm to the environment. Please refer Safety Data Sheet for this product available with customer care.

Effective Date: Dec 2024 / Rev: 01

Properties mentioned above are typical only and minor variations which do not affect the product performances are to be expected in normal manufacturing. The above information is for reference purpose only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade.

The information contained herein is believed to be correct at time of publication. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products. JK Fenner (India) Ltd reserves the right to modify and change its products and specifications without prior notice. <https://www.jkfenner.com/>



Corporate Office :
 Khivraj Complex II, V Floor, 480, Anna Salai,
 Nandanam, Chennai-600 035.
 Tel : +91 44 4399 4666
 Email : ipdquery@jkfenner.com
 Website: www.jkfenner.com



Scan for
 Product Data Sheet