

## RENOLIT LIM 460-2

**Heavy duty high performance grease fortified with solid lubricants for applications under high loads and which may experience shock loading.**

### Description

RENOLIT LIM 460-2 is high performance grease which was developed using a market proven thickener technology and performance package. This product meets a wide variety of OEM performance requirements in surface and underground mining, construction, civil and earthmoving applications. It offers an optimized level of tack, a high level of wear and corrosion protection and utilizes molybdenum disulfide black solids to provide the potential for extended component life and a low total cost of operation.

### Application

RENOLIT LIM 460-2 is designed to meet and exceed the industry requirements in applications which require a product that offers a high level of protection under boundary lubrication conditions. It is particularly suitable for mobile off-highway equipment central lubrication systems which feed applications such as pin and bush, slew bearing and slew gears. Being a good general purpose product, it is also suitable for lubricating wire ropes and sheaves and plain and roller bearings operating under high loads at slow speeds.

### Advantages/Benefits

- Good extreme pressure properties to assist in the prevention of wear and extend component life
- 3% MoS<sub>2</sub> black solids to prevent wear under boundary lubrication conditions and ensure suitability for a wide range of OEM
- Excellent corrosion protection properties to keep components protected in a wide range of conditions
- With an optimized level of tack, this product will stay put in customers applications but still be suitable for use year round in central lubrication systems where an NLGI 2 grease is called for
- Utilizing technology which has over 20 years of proven field performance, combined with the latest FUCHS black solids technology allows this product to be used on both older and newer equipment.
- Provides an opportunity to rationalize greases used on site

### Specifications

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### Approvals

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### FUCHS Recommendations

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# Product Information



## CHARACTERISTICS

| Property                        | TestMethod | Value    | Unit               |
|---------------------------------|------------|----------|--------------------|
| Appearance                      | Visual     | Black    | -                  |
| NLGI grade                      | -          | 2        | -                  |
| Thickener                       | -          | Lithium  | -                  |
| Worked Penetration x 60 @ 25 °C | ASTM D217  | 265-295  | 0.1mm              |
| Drop Point                      | ASTM D2265 | >180     | °C                 |
| Copper Corrosion                | ASTM D4048 | 1b       | -                  |
| Four-Ball EP Test, Weld Load    | ASTM D2596 | 800      | kgf                |
| Base Oil Viscosity @ 40 °C      | ASTM D445  | 460      | mm <sup>2</sup> /s |
| RENOLIT LIM 460-2 20KG PLA      | 20L        | 5206020  | 602294593          |
| RENOLIT LIM 460-2 55KG MET      | 55L        | 5206055  | 602294609          |
| RENOLIT LIM 460-2 180KG MET     | 180L       | 5206180  | 602294623          |
| RENOLIT LIM 460-2 450G PLA      | 0.45L      | 5206450  | 602294647          |
| RENOLIT LIM 460-2 1260KG BLK    | 1260L      | 52061260 | 602301840          |

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