

Unionlub® NA 1.5

SPECIAL COMPLEX LITHIUM LUBRICANT GREASE FOR BEARINGS

Description

Unionlub® NA 1.5 is a special lubricant grease formulated with Complex Lithium thickener, suitable for the lubrication of bearings operating with medium loads, providing optimal lubrication even in severe working conditions.

Unionlub® NA 1.5 is formulated with hydrocarbon base oils and carefully selected additives, which give the product high oxidation resistance and thermal stability, excellent anti-wear and anti-corrosion properties, excellent EP properties, and good adhesiveness.

Unionlub® NA 1.5s nature and composition guarantee long life in service, delivering a significant reduction in management and maintenance costs.

Features

- ✓ **Excellent EP properties and loads resistance**, to guarantee high performances even in severe working conditions.
- ✓ **High oxidation resistance and thermal stability**, to ensure long life in service, to prevent residues formation, and to give the product longer life, reducing consumption.
- ✓ **High anti-wear, anti-rust, and anti-corrosion properties**, to ensure protection of all components.
- ✓ **Good adhesivity**, to guarantee proper lubrication even in presence of stresses and vibrations.

Main uses

Unionlub® NA 1.5 is designed for the lubrication of :

- Plain and roller bearings.
- Bearings of electric motors.
- Gears and gearboxes.
- Rack-and-pinion systems.
- Pins and joints.
- Sledges.

Classifications

ISO 6743-9

DIN 51825 / 51502

L-XBFEB 1

KP 1 R-20

L-XBFEB 2

KP 2 R-20

Technical Data

The data in this TDS are based on our general knowledge and experience. Aluchem is not responsible for their use.
The final user is free to make his own tests and analysis. Aluchem reserves the right to update this document every time is needed.

| | Method | Units | Typical Values |
|----------------------------|-------------|--------------------|-------------------------|
| NLGI Consistency | ASTM D 217 | - | 1.5 |
| Color | - | - | Hazelnut |
| Appearance | - | - | Homogeneous and Fibrous |
| Thickener Nature | - | - | Complex Lithium |
| Base oil viscosity at 40°C | ASTM D 445 | mm ² /s | 700 |
| Drop Point | ASTM D 566 | °C | > 260 |
| Washout Resistance | ASTM D 1264 | % | < 5 |
| 4 Ball - Wear diameter | ASTM D 2266 | mm | 0,28 |
| 4 Ball – Welding Load | ASTM D 2596 | Kg | > 250 |

- **Unionlub® NA 1.5** suggested usage thermal range : from -20 to 190 °C.
- **Unionlub® NA 1.5** is fully compatible and mixable with other greases formulated with the same thickener (Complex Lithium) and/or synthetic oils, except polyalkylene glycols (PAG). Furthermore, given the compatibility amongst base oils, in case of different thickeners, it is possible to replace the grease by adopting proper precautions.
- **Unionlub® NA 1.5** is compatible with the most common types of seals and paints.
- Store the product in its closed original container in a protected area and not exposed to sunlight and rain.
- **Aluchem** owns the following certifications: UNI EN ISO 9001:2015, KOSHER, HALAL.

Product Tiering: Premium

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