



APPLICATIONS

Eni Grease LCX 2/100 is a lithium complex grease, formulated with synthetic base oil of viscosity ISO VG 100 that allow the grease to operate at very low temperatures.

The particular combination of anti-wear, EP, anticorrosive and anti-oxidant additives guarantees excellent performance in severe operating conditions such as high loads and in presence of vibrations.

In addition, the synthetic base gives a high thermal and oxidative stability over time, allowing a reduction of downtime cases and maintenance costs.

Eni Grease LCX 2/100 is particularly suitable for the lubrication of bearings and parts operating at high speeds and requiring long lubrication intervals, as in the case of electric motors.

Also indicated for the lubrication of organs operating at low temperatures such as wind turbine generators.

CUSTOMER ADVANTAGES

- Suitable for applications at high and low temperature thanks to the nature of the synthetic base and the very high dropping point
- Extension of service life and relubrication intervals, even in the presence of strong mechanical and thermal stresses
- Excellent adhesiveness and resistance to water washout. Can be used in humid environments and in the presence of water
- Good loads resistance
- High anti-rust and anti-corrosion protection and compatibility with all types of metals both ferrous and non-ferrous

SPECIFICATIONS - APPROVALS

- DIN 51825 KPHC 2P -40
- ISO 12924 L-XDEHB 2





CHARACTERISTICS

| Properties | Method | Unit | Typical |
|---------------------------------|-------------|--------------------|-----------------------------|
| Appearance | - | - | smooth-textured homogeneous |
| Colour | - | - | gray/beige opaque |
| Thickener type | - | - | litio complesso |
| Consistency (NLGI grade) | ASTM D 217 | - | 2 |
| Penetration at 60 double stroke | ASTM D 217 | dmm | 280 |
| Base oil type | - | - | sintetico |
| Base Oil Viscosity at 40°C | ASTM D 7042 | mm ² /s | 100 |
| Dropping point | ASTM D 566 | °C | 290 |
| EMCOR test in distilled water | IP 220 | - | 0/0 |
| Copper corrosion | ASTM D 4048 | - | 1a |
| Timken OK load | ASTM D 2509 | lbs | >45 |
| 4 Balls weld load | ASTM D 2596 | daN | >350 |
| Temperature range | - | °C | -40/+160 |



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