

SPECIAL CAL-HD LG-280 & LG 320 (XG-286) Semi-Synthetic

DESCRIPTION

SPECIAL CAL-HD LG-280 & LG-320 grease is formulated with high-viscosity petroleum oil and calcium soap thickened, special high performance additive packages with extreme pressure, Anti: wear, rust, corrosion & oxidant to improve stability, lubricity, & metal wear prevention and it also provide excellent water resistance properties with good corrosion, oxidation and rust protection. This grease is designed for the effective lubrication and protection of all types of ball, roller and plain bearings.

APPLICATION

- This grease is recommended for all types of ball, roller and plain bearings found in all types of damp, humid or wet industrial applications. Particularly suitable for use in salt water environments.
- It can be applied for all industries where a high performance, water resistant lubricant is required such as water treatment, quarries, marine, docks, agriculture, construction, textile, and most other industries.
- Versatile applications such as scrapers, rakes, dockside cranes, water environments such as slips ways and water pump bearings, nipples, spring leaves, chain drives, open & semi-open gear systems, boat trailers and similar applications where bearings, pins, bushes, slides etc are subjected to extreme wet conditions.

ADVANTAGES & BENEFITS

Performance standard meets: LG-280 & LG-320, JSD XG-286, DEF STAN 91-34/4, NATO G-460.

- Very good temperature resistance – ranging from -30°C to +110°C (120°C for short periods).
- Single grease for multipurpose applications for defense grease. Excellent water resistance, including salt water, ensuring components is protected even in submerged conditions.
- Calcium soap technology and EP additives provides good high load performance superior to standard soap thickened lubricants.
- It has good resistance to oxidation, providing extended lubrication intervals whilst reducing equipment failure, downtime and lubricant usage.
- Excellent corrosion resistance to protect in humid, damp and even wet conditions.
- The tacky nature of grease ensures it adheres strongly to the components to resist water wash-off and even tidal flow in salt water environments.

PROPERTIES

| SPECIFICATIONS | SPECIAL CAL-HD LG-280 | SPECIAL CAL-HD LG-320 |
|--------------------------|--|-----------------------|
| NLGI | 2 | 1 |
| Base Oil Type | Semi-Synthetic | Semi-Synthetic |
| Soap Type | Calcium Soap | Calcium Soap |
| Colour & Appearance | Brown & smooth tacky | Brown & smooth tacky |
| Viscosity @ 40°C | 110-165 | 155-165 |
| Viscosity @ 100°C | 8.5 | 8.5 |
| Drop Point | 150 | 150 |
| Worked Penetration | 265 - 295 | 310 - 340 |
| Water Washout @ 80°C (%) | 3 % | 3 % |
| Copper strip Corrosion | 1a | 1a |
| Temperature Range | -30°C to +110°C (+120°C short periods) | |
| EMCOR rust test | 0:0 | |
| Additives | Anti: wear, rust, corrosion & oxidant | |

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