

SL CG-K1 SL-CG-K2

GEAR COUPLING GREASES

DESCRIPTION :

SL CG-K1 and SL CG-K2 are high performance gear coupling greases. They are especially recommended for their exceptional lubricating performance for gear coupling operating at very high speed. These greases are superior to commonly available greases used to lubricate coupling.

SL CG-K1 and SL CG-K2 are recommended for most industrial and commercial applications. pour la plupart des applications industrielles et commerciales. They are characterized by their remarkable resistance to centrifuge separation.

BENEFITS :

- **REDUCE DOWNTIME.**
- **REDUCE WEAR TO COUPLINGS.**
- **PROLONG THE RE-GREASING INTERVAL.**
- **REDUCE MAINTENANCE COST.**
- **PROVIDE SUPERIOR LUBRICATION.**



SL CG-K1 SL-CG-K2

| Oil Specifications | SL CG-K1 | SL CG-K2 |
|---|-----------------|-----------------|
| Oil Viscosity, cSt @ 40°C (100°C) ASTM D-445 | 300 (20) | 360 (24) |
| Oil Viscosity, SUS @ 100°F (210°F) ASTM D-445 | 1500 (100) | 1800 (115) |
| Centrifuge Separation (centrifuge test), D-4425 | | |
| - High resistance to centrifugation - | K36 = 8/24 max. | K36 = 2/24 max. |

| Grease Specifications | Results | |
|---|--|--|
| NLGI Grade, ASTM D-217 | 1 | 1 |
| Colour | Blue-Green | Amber |
| Thickener | Polyethylene Li. 12 Hydroxy Stearate | Polyethylene Li. 12-Hydroxy Stearate |
| Thickener Percentage | 6 - 15 | 6 - 15 |
| Penetration, ASTM D-217 | | |
| Worked, 60 strokes | 310 - 340 | 310 - 340 |
| Worked, 1000 strokes | 320 - 360 | 320 - 360 |
| Dropping Point, min., ASTM D-2265, °C | 91 | 94 |
| Operating Temperature, °C (°F) | -40 - 88 (-40 - 190) | -40 - 88 (-40 - 190) |
| Speed, RPM (max.) | <3600 | >3600 |
| Timken OK Load, lbs (min.) | 40 | 50 |
| Rust and Oxidation Inhibitor | Pass | Pass |
| Oxidation Resistance, psi loss, max., 100 hrs | 5 | 5 |
| Curved-Tooth Coupling, Brinell hardness, BHN | 150 - 330 BHN | 150 - 750 BHN |
| 4-Ball EP Test, ASTM D-2596 | | |
| - Wear Load, Kgf Index | 30 | 35 |
| - Weld Load, Kgf | 200 | 250 |
| 4-Ball Wear Test (scar), ASTM D-2266, mm | 0.85 | 0.75 |

**Greases, being fortified with antirust and antioxidant additives,
does not corrode steel, does not swell nor deteriorate synthetic seals.**

