



Gulf Crown RRC 0.5

Multi Purpose EP Grease for extreme loads

Product Description:

Gulf Crown RRC 0.5 is an alassca complex thickened lubricating grease based on mineral oil and contains antioxidants and corrosion inhibitors. **Gulf Crown RRC 0.5** does not contain conventional EP- and AW-additives since they are built in as an integral part of the soap structure. The functional thickener gives **Gulf Crown RRC 0.5** extreme load carrying capacity making it suitable for heavily loaded applications. **Gulf Crown RRC 0.5** has good corrosion protection and water resistance which is important in wet and corrosive environments.

Gulf Crown RRC 0.5 has extreme load carrying capacity, very good mechanical stability, good corrosion protection and is water resistant.

Gulf Crown RRC 0.5 is a modern high performance product suitable for extreme applications in heavy industry. The extreme load carrying capacity and consistency make the product the first choice for heavy loaded open gears.

| <u>Property:</u> | <u>Test Method:</u> | <u>Typical Values:</u> |
|--|--------------------------------|--------------------------|
| Colour | Visual | Brown |
| NLGI Consistency (National Lubricating Grease Institute) | ASTM D217 | 0.5 |
| Approximate Density @ 20°C | IPPM-CS/03 | 1010 kg/m ³ |
| Base Oil Viscosity @ 40°C | ISO 12058 | 800 mm ² /s |
| Base Oil Viscosity @ 100°C | ISO 12058 | 43 mm ² /s |
| Dropping Point | IP 396 | >260°C |
| 4-ball weld load | DIN 51350-4 | 7500 N |
| <u>Mechanical Stability:</u> | | |
| Penetration 60 strokes | ISO 2137 | 335-365 |
| Penetration 100.000 strokes | ISO 2137 | +30 |
| <u>Corrosion Protection:</u> | | |
| SKF Emcor WWO distilled water | ISO 11007mod | 0-0 |
| SKF Emcor WWO salt water | ISO 11007mod | 2-2 |
| Copper Corrosion 24 hrs @ 100°C | ASTM D4048 | 1b |
| <u>Water Stability:</u> | | |
| Water Resistance | DIN 51807-1 | 1-90 |
| <u>Anti-wear properties:</u> | | |
| 4-ball wear scar 1 hr @ 400 N | DIN 51350-5 | 0.7 mm |
| <u>Temperature Range:</u> Continuous operation: -30°C to +140°C. Short period: max: +180°C | | |
| <u>Classification:</u> DIN 51502: KPGOG0.5-30, ISO 6743: ISO-L-XCDIB0.5 | | |
| Product nr: 5130 | Date Issued: 28/07/2010 | Supersedes: --/-- |
| | | Revision nr: -- |