



Libra CSX RANGE

Calcium Sulphonate Complex Grease

Product code: See Below

Product Description:

Libra CSX RANGE are technologically advanced greases, formulated using over based Calcium Sulphonate soap thickener. It is characterised by exceptional performance under high pressure and temperatures, with excellent resistance to water and corrosion. Its inherent chemical and physical characteristics gives superior anti-wear and extreme pressure properties meaning your assets are given long life protection in a wide range of industrial applications.

Libra CSX RANGE are heavy-duty multi-purpose industrial bearing grease, used in industries such as steel mills, pulp and paper mills, metallurgy, marine and other similar processes.

Typical Applications

| | |
|------------------------|-------------------------------------|
| Plain/rolling bearings | Hot calendar stacks/hot roll tables |
| Marine equipment | Rolling mills |
| Heavy mobile equipment | Continuous casting |
| Paper mills | Ingot buggies & slab mills |

Benefits:

- Extremely high dropping point
- Superior water resistance properties
- Excellent anti-oxidation and anti-corrosion properties
- Excellent pumpability
- Very high load rating

Application:

Libra CSX RANGE can be applied manually, or by using a grease gun. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary, purge bearings prior to application. Likewise, as a rule, take care not to over-lubricate and apply the quantity of grease recommended by the bearing manufacturer.



TECHNICAL DATA SHEET

Typical Test Data:

| Typical Characteristics | | | |
|----------------------------|------------|-----------------------------------------|-----------------------------------------|
| Product Code | | Z119 | Z120 |
| Worked Penetration | ASTM D217 | 265-295 | 265-295 |
| Base Oil Viscosity at 40°C | ASTM D445 | 400-440 cSt | 190 - 210 cSt |
| Water Wash Out | ASTM D1264 | <1% | <2% |
| Copper Corrosion | ASTM D4048 | 1 (no tarnish) | 1 (no tarnish) |
| Flow Pressure | DIN 51805 | <1400 mbar @ -25°C | 600 mbar @ -20°C |
| EMCOR (distilled water) | IP 220 | 0 | 0 |
| 4 Ball Wear Scar | IP 239 | <0.55mm | <0.5mm |
| 4 Ball Weld Load | IP 239 | 620kg | 620kg |
| Oil Separation | IP 121 | <1% | <1% |
| Drop Point | IP 396 | >280°C | >280°C |
| Colour | Visual | Beige | Beige |
| Appearance | Visual | Smooth Tacky | Smooth Tacky |
| Thickener | - | Calcium Sulphonate Complex | Calcium Sulphonate Complex |
| Operating Temperature | Constant | -25 to +160°C | -25 to +160°C |
| Specifications | - | 6743-9: L_XCFIB2 DIN 51 502: KP2R-25 | 6743-9: L_XCFIB2 DIN 51 502: KP2R-25 |