



Grease CAS 2 Green

High performance lubricating grease based on calcium sulphonate thickener

Description

Grease CAS 2 green is a specially formulated high performance grease based on a calcium sulphonate thickener and premium base oils. Calcium sulphonate greases are known for their thickener, which offers lubricating properties at the same time.

Applications

Grease CAS 2 green is specially recommended for all heavy duty and engineering applications where resistance to high temperatures, loads, humidity and water is critical. Thanks to its reversible property, Grease CAS 2 green is particularly beneficial in applications where temperature tends to shoot-up intermittently for short times. Typical applications of Grease CAS 2 green include continuous casters, couplings and

run-out rolls in steel plants, wheel bearings and CV joints in automotive, rock crushers and conveyors in mining and bearings and spindles in pulp and paper mills. Grease CAS 2 green can also be used in the glass industry. Because of its' versatility this grease is perfect to reduce the number of different greases in a factory and reduce overall costs.

Benefits

- Wide operating temperatures (intermediate, peak)
- High dropping point
- High anticorrosive capacity
- Superior resistance to cold and hot water
- High fluidity and pumpability
- Very adhesive
- High stability to mechanical work

Typical performance data

| | Test method | CAS 2 green |
|-----------------------------------|-------------|-------------|
| Texture | | Smooth |
| Colour | | Dark green |
| Base oil | | Mineral |
| Base oil viscosity @ 40 °C, cSt | ASTM D445 | 420 |
| NLGI consistency | | 1.5 |
| Worked penetration @ 25 °C, 60W | ASTM D217 | 300 |
| Dropping point, °C | ASTM D2265 | 330 |
| Water washout @ 79 °C, % | ASTM D1264 | 1.5 |
| Rust test rating | IP 220 | 00 |
| 4-ball wear test | | |
| • 4 ball weld load, kgs | IP 239 | 500 |
| • 4 ball wear test, scar diameter | ASTM D2266 | 0.30 |
| Copper corrosion | ASTM D4048 | 1a |
| Salt spray test, hrs | ASTM D117 | >1000 |
| Working temperatures, °C | | -25 – 180 |

All performance data on this Technical Data Sheet are indicative only and can vary during production

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