

TECHNICAL DATA SHEET

QUAKERTEK™ AQUASHIELD WATER RESISTANT LITHIUM COMPLEX GREASE

QUAKERTEK™ AQUASHIELD is a premium lithium complex lubricating greases formulated with the highest quality base oils. QUAKERTEK™ AQUASHIELD has been formulated to ensure maximum performance under a broad range of applications.

Applications

A unique additive system incorporated into QUAKERTEK™ AQUASHIELD allows it to be used in areas where water resistance is a primary concern.

QUAKERTEK™ AQUASHIELD can be used in applications where constant water flooding or water sprays are common. Of equal importance is the fact that the QUAKERTEK™ AQUASHIELD has a dropping point of >500°F/260°C allowing it to perform well at high temperatures.

Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

QUAKERTEK™ AQUASHIELD is available in 35 lbs/16 kg pails, 120 lbs/55 kg kegs, 400 lbs/180 kg drums and bulk quantities.

If the following criteria are adhered to, the product can be stored for at 24 months. Recommended long-term storage temperature range: 0–40°C/ 32–104°F. Keep containers/ drums tightly closed when not in use and store in a dry and well-ventilated area.

Benefits

- Excellent resistance to water washout
- Excellent resistance to water spray-off
- Excellent load carrying capacity
- High oxidation resistance

Properties

| PROPERTY | TYPICAL VALUE | UNIT |
|---|----------------------|-------|
| Appearance | Smooth Blue-Green | |
| NLGI Grade | 2 | |
| Worked Penetration, 60 Strokes (D217) | 265–295 | |
| Oil Separation (D1742) | nil | |
| Water Washout at 175°F/ 79.4°C (D1264) | 1.80% loss | |
| Dropping Point (ASTM D 2265) | 260 / >500 | °C/°F |
| Water Spray-Off (D4049) | 1.40% loss | |
| Base Fluid Viscosity (D445) at 40°C | 992 | cSt |
| at 100°C | 55 | |
| Base Oil Viscosity Index (D2270) | 103 | |
| Copper Corrosion (D4048) | 1b | |
| Corrosion Protection (D1743) | Pass | |
| Timken OK Value (D2509) | 20.5 | kg |
| 4-Ball Weld (D2596) | 500 | kg |
| 4-Ball Wear Scar. Dia (D2266) | 0.5 | mm |

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose. 016625

