



Previous Name: Shell SRS Grease 2000 Winter Moly

Shell Gadus S2 V30KXD 1

- Extreme Low Temperature
- Water resistant
- Lithium Calcium

High Performance Low Temperature Multi-purpose Grease with Solids

Shell Gadus S2 V30KXD has been providing outstanding heavy duty water resistant protection in low temperatures for over 10 years. This semi-synthetic grease has been the benchmark for performance in this severe service area because of the unique combination of thickener, polymers and additives. Proven in extensive field tests and meets the requirements of the NLGI GC-LB automotive certification.

Shell Gadus S2 V30KXD contains 5% Moly for superior protection against wear in critical fifth wheels, pins and bushings on heavy duty equipment, as required by some Original Equipment Manufacturers (OEM's). The expanded temperature range and improved resistance to "pound out" in pins and bushings makes Shell Gadus S2 V30KXD the perfect grease for Heavy Duty Industrial, construction and mining applications.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Exceptional resistance to water washout**
Allowing the grease to work under very wet conditions.
- **Outstanding mechanical stability**
To prevent grease breakdown, even in the presence of water.
- **Corrosion protection**
To ensure your parts last longer.
- **Excellent adhesion (tackiness)**
Stays in place for longer re-lubrication intervals.

Specifications, Approvals & Recommendations

- For additional questions and listing of equipment approvals and recommendations, contact your local Shell Technical Helpdesk or the OEM Approvals website.

Main Applications



Shell Gadus S2 V30KXD will provide excellent service for logging trucks and other heavy duty fleet vehicles, construction equipment, agriculture and forestry equipment, car washes and marine applications. It resists water and provides long lasting protection for pins, bushings, 5th wheels, chassis points, universal joints, and couplings. They are approved by the CFIA (Canadian Food Inspection Agency) for industrial food plant use. Avoid food contamination during application and storage.

Typical Physical Characteristics

| Properties | | Method | Shell Gadus S2 V30KXD 1 |
|---|-------|-------------------|-------------------------|
| NLGI Grade | | | 1 |
| Color | | | Grey |
| Appearance | | | Tacky |
| Thickener | | | Lithium/Calcium |
| Worked Penetration - 60 strokes | @25°C | IP 50 / ASTM D217 | 310-340 |
| Worked Penetration - 100,000 strokes | @25°C | IP 50 / ASTM D217 | 335 |
| Worked Penetration - 100,000 strokes with 10% water added | @25°C | IP 50 / ASTM D217 | 360 |
| Estimated Operating Range Temperature | °C | | -40 to 80 |
| Minimum Dispensing Temperature | °C | | -35 |
| Dropping Point | °C | IP 396 | 175 |
| Base Oil Viscosity, Blended | @40°C | cSt | 30 |

| Properties | | | Method | Shell Gadus S2 V30KXD 1 |
|--------------------------------------|----------|-------|-------------------|-------------------------|
| Base Oil Viscosity, Extracted | @40°C | cSt | IP 71 / ASTM D445 | 35 |
| Base Oil Viscosity, Extracted | @100°C | cSt | IP 71 / ASTM D445 | 5.4 |
| EP Tests - 4 Ball Wear Scar | | mm | | 0.4 |
| EP Tests - 4 Ball, Load Wear Index | | | | 63 |
| EP Tests - Timken OK Load | | kg | | 22.7 |
| Water Washout Test wt % loss | @78°C | | | 10 |
| Bomb Oxidation Pressure drop at 100h | @99°C | kPa | | 10 |
| Corrosion Test, 48 hr Rating | @52°C | | | Pass |
| Oil Separation, wt% | | | | 2.8 |
| Mobility | @-17.8°C | g/min | | 71 |

These characteristics are typical of current production. While future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

■ Health and Safety

Shell Gadus S2 V30KXD 1 is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.epc.Shell.com/>

■ Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Additional Information

■ Advice

Product recommendations on applications not listed here may be obtained from your Shell representative.