



Previous Name: Shell SRS Grease 2000 Winter Moly

Shell Gadus S2 V30KXD 1

- Extreme Low Temperature
- Water resistant
- Lithium Calcium

High Performance Low Temperature Multipurpose 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 a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

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

Properties			Method	Shell Gadus S2 V30KXD 1
Base Oil Viscosity, Blended	@40°C	cSt	IP 71 / ASTM D445	30
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 for applications and specifications not covered here may be obtained from your Shell representative.