



Previous Name: Shell Alvania Grease RLQ 2

Shell Gadus S2 V100Q 2

- Low Noise
- Small Bearings
- Lithium

Special Low Noise Grease

Shell Gadus S2 V100Q is a low noise lithium grease for use in electrical motor ball bearings (<62mm) where noise performance is critical. This grease is base upon a lithium hydroxystearate soap thickener, is free from lead & sodium nitrite and is fortified with anti-oxidant, anti-wear and anti-rust additives.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Guaranteed low noise performance**
Excellent low peak & damping levels in small bearings.
- **Reliable high temperature performance**
Provides protection even at high operating temperatures.
- **Good oxidation and mechanical stability**
Resists the formation of deposits caused by oxidation at high operating temperatures and maintains consistency, reducing leakage.
- **Good corrosion resistance characteristics**
Effective protection in hostile environments.
- **Long storage life**
Does not alter in consistency during prolonged storage.

Main Applications



- Electric motor bearings
- Sealed-for-life bearings
- Shell Gadus S2 V100Q grease may be used under a wide range of operating conditions, and in the presence of moisture.
- Shell Gadus S2 V100Q grease is a medium consistency grease designed, mainly, for general industrial lubrication. Ideal for centralised lubrication systems operating at normal temperatures.
- Excellent performance in bearings operating at temperatures up to 135°C at 75% of maximum rated speed for grease lubrication.

Specifications, Approvals & Recommendations

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

Typical Physical Characteristics

Properties			Method	Shell Gadus S2 V100Q 2
NLGI Consistency				2
Soap Type				Lithium hydroxystearate
Base Oil (Type)				Mineral
Kinematic Viscosity	@40°C	cSt	IP 71 / ASTM D445	100
Kinematic Viscosity	@100°C	cSt	IP 71 / ASTM D445	11
Cone Penetration, Worked	@25°C	0.1mm	IP 50 / ASTM D217	265-295
Dropping Point		°C	IP 396	180

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

Health, Safety & Environment

■ Health and Safety

Shell Gadus S2 V100Q 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 authorised collection point. Do not discharge into drains, soil or water.

Additional Information

■ Re-greasing Intervals

For bearings operating near their maximum recommended temperatures, re-greasing intervals should be reviewed.

■ Advice

Advice on applications not covered here may be obtained from your Shell representative.