



Technical Data Sheet

Previous Name: **Shell Alvania Grease RL 3**

Shell Gadus S2 V100 3

High Performance Multipurpose Grease

Shell Gadus S2 V100 3 is a general purpose grease based on a new lithium hydroxystearate soap thickener fortified with anti-oxidant, anti-wear and anti-rust additives.

- *Reliable Protection*
- *Multi-purpose*
- *Lithium*

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Reliable high temperature performance**
Very good performance up to +130°C, resulting in longer bearing life.
- **Good oxidation and mechanical stability**
Resists the formation of deposits caused by oxidation at high operating temperatures. Shell Gadus S2 V100 greases are extremely stable under vibrations and give NO LEAKAGE even in repeated shock-loaded bearings.
- **Good corrosion resistance characteristics**
Effective protection in hostile environments.
- **Long storage life**
Does not alter in consistency during prolonged storage.

- Rolling element and plain grease lubricated bearings
- Electric motor bearings
- Sealed-for-life bearings
- Water pump bearings
- May be used under a wide range of operating conditions offering very significant advantages over conventional lithium greases at high temperature or in the presence of water.
- A medium/ hard high performance industrial grease, particularly recommended for the lubrication of electrical motor bearings.

Specifications, Approvals & Recommendations

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

Main Applications



Typical Physical Characteristics

Properties			Method	Shell Gadus S2 V100 3
NLGI Consistency				3
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	220-250
Dropping Point			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 V100 Grease 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.