



Technical Data Sheet

Formerly Known As: **Shell Albida Grease RL 2**

Shell Gadus S3 V100 2

Premium Multipurpose Grease

- Extra Protection
- High Temperature
- Lithium Complex

Shell Gadus S3 V100 grease is a premium multi-purpose greases with excellent mechanical stability at high temperatures and under vibrating conditions.

It is based on high viscosity index mineral oil and a new lithium complex soap thickener and contains additives to enhance anti-oxidation, anti-wear and anti-corrosion properties.

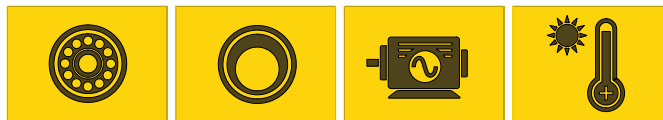
Shell Gadus S3 V100 grease is especially suitable for bearings operating at high temperatures, low and high speeds and in the presence of moisture.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Excellent mechanical stability even under vibrating conditions.**
Consistency retained over long periods, even in conditions of severe vibration.
- **Good water resistance.**
Ensures lasting protection even in the presence of large amounts of water.
- **High dropping point.**
- **Long operational life at high temperatures.**
- **Excellent fretting resistance.**
- **Effective corrosion protection.**
Ensures components/bearings do not fail due to corrosion.

Main Applications



Shell Gadus S3 V100 grease is recommended for use in electric motor bearings, such as those used in the paper mill industry, and air blowers.

Specifications, Approvals & Recommendations

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical Physical Characteristics

Properties			Method	Shell Gadus S3 V100 2
NLGI Consistency				2
Colour				Light brown
Soap Type				Lithium complex
Base Oil (type)				Mineral
Kinematic Viscosity	@40°C	cSt	IP 71 / ASTM D445	100
Kinematic Viscosity	@100°C	cSt	IP 71 / ASTM D445	11.3
Cone Penetration, Worked	@25°C	0.1mm	IP 50 / ASTM D217	265-295
Dropping Point		°C	IP 396	250
Pumpability Long Distance				Fair

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 S3 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

- **Operating Temperature Range**

-20°C to +150°C (180°C peak).

- **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.