



## Technical Data Sheet

# Shell Gadus S3 V160CP 2

- Versatile Protection
- High Temperature
- Red Lithium Complex

## Premium multipurpose grease

Shell Gadus S3 V160CP is a reliable multi-purpose grease intended for industrial and fleet applications where water resistance, load carrying, and mechanical stability are required. The product is formulated with high-quality mineral oils and performance additives that enhance load carrying, wear performance, oxidation and corrosion protection. Gadus S3 V160CP is certified by the NLGI for fleet and automotive applications where GC-LB certified products are required.

## DESIGNED TO MEET CHALLENGES

### Performance, Features & Benefits

- **High viscosity index base fluids**  
Provides excellent viscosity response to temperature changes.
- **Excellent mechanical stability even under vibrating conditions**  
Consistency retained over long periods, even when subjected to vibration
- **Enhanced extreme-pressure properties**  
Excellent load-carrying performance.
- **Excellent water resistance**  
Ensures lasting protection even in the presence of large amounts of water.
- **Effective corrosion protection**  
Provides corrosion protection in the presence of moisture contamination

### Main Applications



Shell Gadus S3 V160CP 2 grease is a versatile, multi-purpose grease intended for industrial and fleet applications.

Typical applications:

- Wheel bearing and chassis lubrication
- Universal joints
- Moderate speed industrial bearings

### Specifications, Approvals & Recommendations

- ASTM D4950 / GC-LB certified

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

### Typical Physical Characteristics

Properties	Method	Shell Gadus S3 V160CP 2
NLGI Consistency		2
Colour		Red
Soap Type		Lithium complex
Base Oil (type)		Mineral
Base Oil Viscosity @40°C cSt	IP 71 / ASTM D445	160
Base Oil 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 minimum	IP 396	220
Four Ball Weld Load Kg minimum	ASTM D2596	250

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 V160CP 2 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 Safety Data Sheet, which can be obtained from <https://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**

Operating temperature range -20°C to 140°C

- **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.