



Technical Data Sheet

- High Temperature
- Blue Lithium Complex

Shell Gadus *WH Grease*

Wheel Bearing and Multipurpose Extreme Pressure Grease

Gadus WH Grease is a multi-purpose grease based on high viscosity index mineral oil and a lithium complex soap thickener.

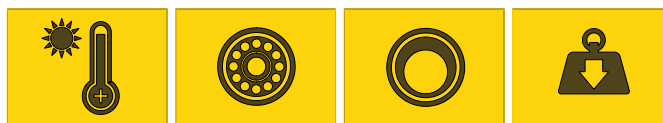
Shell Gadus WH Grease grease is especially suitable for bearings operating at high temperature and under load.

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.
- **High extreme-pressure properties**
Good load-carrying performance
- **Good water resistance.**
Lasting protection even in the presence of large amounts of water.
- **High dropping point.**
- **Long operational life at high temperatures.**
- **Good corrosion protection**
Ensures components / bearings are protected

Main Applications



Gadus WH Grease is used for the grease lubrication of heavy-duty bearings used in machinery and particularly suitable for the following applications:

- Automotive Wheel Bearings

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 WH Grease
NLGI Consistency				2
Colour				Blue
Soap Type				Lithium complex
Base Oil Type				Mineral
Base Oil Viscosity	@ 40°C	cSt	IP71 / ASTM D445	160
Base Oil Viscosity	@ 100°C	cSt	IP71 / ASTM D445	15
Cone Penetration, Worked	@ 25°C	0.1mm	IP 50 / ASTM D217	265-295
Dropping Point			°C minimum	260
Pumpability Long Distance				Fair
Four Ball Weld Load			N minimum	3 089

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**

Gadus WH 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 fluid. 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 fluid 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 (peak 150°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.