



Technical Data Sheet

Shell Gadus Fifth Wheel Grease

- Outstanding load carrying capability
- Excellent resistance to water spray off
- Effective Corrosion Protection
- Excellent adhesive properties

High-performance heavy-duty grease with solids

Shell Gadus Fifth Wheel grease is a high-performance heavy-duty grease specifically formulated for the lubrication of the coupling between a vehicle used for towing and a trailer. It is based on high viscosity index mineral oil and a lithium soap thickener. It also contains solids to ensure the grease can handle shock loads and provide an effective lubricating film under the high load and constant sliding contact experienced in fifth wheels.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **High base oil viscosity to provide excellent load carrying performance**
Efficient lubrication of heavily loaded components.
- **Enhanced extreme-pressure properties & resistant to shock loads**
High mechanical stability preventing softening and subsequent leakage.
- **Excellent water resistance**
Ensures lasting protection even in the presence of water.
- **Effective corrosion protection**
Contains additives to ensure reliable anti-corrosion & anti-oxidation performance.

Main Applications



Shell Gadus Fifth Wheel Grease is used for lubricating the coupling between a vehicle used for towing and a trailer.

It is available in squeeze tubes to enable tool-less application directly upon the fifth wheel.

Specifications, Approvals & Recommendations

Shell Gadus Fifth Wheel grease is specifically designed for fifth wheel lubrication.

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

Typical Physical Characteristics

Properties			Method	Shell Gadus Fifth Wheel Grease
NLGI Consistency				2
Colour				Black
Soap Type				Lithium
Base Oil (type)				Mineral
Kinematic Viscosity	@40°C	cSt	ASTM D445	460
Kinematic Viscosity	@100°C	cSt	ASTM D445	31
Cone Penetration, Worked	@25°C	0.1mm	ASTM D217	265-295
Dropping Point		°C minimum	IP 396	185
Four Ball Weld Load		kg	ASTM D2596	400

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 Fifth Wheel 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**

-20°C to +120°C (peak 130°C)

- **Advice**

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