Shell **Gadus** *S2 V150C 3*

Technical Data Sheet

- Extra Protection
- Tacky
- Red Lithium

Premium multipurpose extreme-pressure grease

Shell Gadus S2 V150C 3 grease is a premium multi-purpose grease based on high viscosity index mineral oil and a lithium soap thickener. It contains the latest state of the art additives to offer excellent anti wear and anti-corrosion properties and other additives to enhance its anti-oxidation properties. Shell Gadus S2 V150C 3 grease is especially suitable for wheel bearings operating in severe conditions and under load.

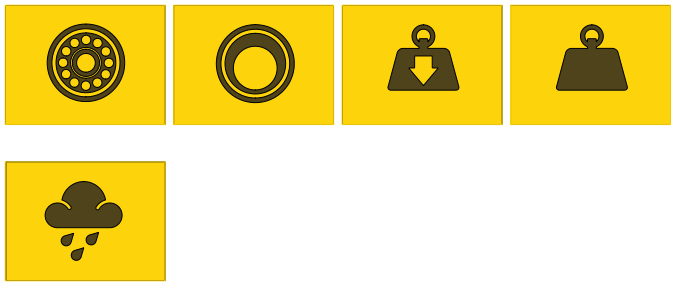
DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Excellent mechanical stability.**
- **Enhanced extreme-pressure properties.**
- **Excellent load-carrying performance.**
- **High adhesion to surfaces.**
- **Effective corrosion protection.**

  Ensures components/bearings do not fail due to corrosion.
- **The additives and thickener structure ensure a long operational life.**

Main Applications



Shell Gadus S2 V150C 3 grease is used for the grease lubrication of heavy-duty bearings used in machinery and particularly suitable for the following applications:

- Automotive Wheel Bearings
- Roller conveyors - Tapered Roller Bearing

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 S2 V150C 3
NLGI Consistency				3
Colour				Red
Soap Type				Lithium
Base Oil Type				Mineral
Base Oil Viscosity	@40°C	cSt	ASTM D445	150
Base Oil Viscosity	@100°C	cSt	ASTM D445	11
Cone Penetration, Worked	@25°C	0.1mm	ASTM D217	220-250
Dropping Point		°C minimum	IP 396	180
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 S2 V150C 3 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 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**

  Operating Temperature range -20^{0}C to 130^{0}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.