



# Shell Gadus S2 V460D 2

- Heavy Duty Protection
- Reliable Performance
- Lithium

*Multi-purpose heavy duty grease with solids*

Shell Gadus S2 V460D 2 grease is a high performance grease for slow moving heavily loaded large bearings subject to shock loads. It is based on high viscosity index mineral oil and a lithium soap thickener. Apart from containing additives to ensure reliable anti corrosion & anti oxidation performance, it also contains solids to ensure the grease can handle shock loads.

## DESIGNED TO MEET CHALLENGES

### Performance, Features & Benefits

- **High base oil viscosity to provide excellent load carrying performance**  
Meets the recommended base oil viscosity recommended by leading OEMs.
- **Very good mechanical stability**  
Consistency retained over long periods
- **Enhanced extreme-pressure properties & resistant to shock loads**  
Good load-carrying performance enhanced by the presence of solids.
- **Excellent water resistance**  
Ensures lasting protection even in the presence of large amounts of water.
- **Effective corrosion protection**  
Ensures components/bearings do not fail due to corrosion.

### Main Applications



Shell Gadus S2 V460D 2 grease is used for the grease lubrication of heavy-duty, slow moving bearings subject to shock loads found in the following industries:

- Mining
- Steel

### 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 V460D 2
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
Four Ball Weld Load			kgf	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 S2 V460D 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 <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**

-20°C to +120°C (peak 130°C)

- **Advice**

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