



Technical Data Sheet

Previous Name: Shell Alvania GC Grease 00

Shell Gadus S1 Low Speed Coupling Grease

- Low Speed
- Reliable Protection
- Sodium

Gear Coupling Grease

Shell Gadus S1 Low Speed Coupling Grease is a yellow-brown, soft fibrous grease based on mineral oil and a sodium thickener. It contains special selected EP additives, corrosion inhibitors and anti-oxidant additives.

DESIGNED TO MEET CHALLENGES

Main Applications



Recommended Applications

It is recommended for the lubrication of geared engines, toothed clutches and chain drives requiring a semi-fluid lubricant. It can also be used to replace mineral oil in splash lubricated gearboxes with pitchline speeds of less than 4 m/s where leakage is a problem.

It is also often used in applications where poor accessibility makes top-up or repair difficult, e.g: overhead crane gearboxes, domestic appliance drives, conveyor drives and mining machinery gearboxes, etc. It may also be used in some steering boxes.

Specifications, Approvals & Recommendations

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

Typical Physical Characteristics

Properties		Method	Shell Gadus S1 Low Speed Coupling Grease
Thickener			Sodium Soap
Operational Temperature Range	°C		-10 to +80
Worked Penetration	0.1mm	DIN 2137	400 - 430
NLGI Consistency		DIN 51818	00
Dropping Point	°C	DIN 2176	150
Base Oil Kinematic Viscosity	@40°C	mm ² /s	DIN 51562-1 460

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 S1 Low Speed Coupling 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 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

- **Advice**

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