



Technical Data Sheet

Previous Name: Shell Albida Grease GC 1

Shell Gadus S3 High Speed Coupling Grease

- High Speed
- Extra Protection
- Lithium Complex

Premium Gear Coupling Grease

Shell Gadus S3 High Speed Coupling Grease a special grease for flexible gear couplings. It is based on high viscosity mineral Oil and a lithium complex soap thickener.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Resists separation**
Standard greases tends to separate oil and thickener under the influence of centrifugal forces.
- **Mechanical unstable**
Softens when worked, flows easily in couplings.

Main Applications



Shell Gadus S3 High Speed Coupling Grease is used for the grease lubrication of flexible gear couplings operating at a speed >300 rpm.

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 S3 High Speed Coupling Grease
NLGI Consistency		1
Colour		Dark brown
Soap Type		Lithium complex
Base Oil (type)		Mineral
Kinematic Viscosity @40°C cSt	IP 71 / ASTM D445	700
Kinematic Viscosity @100°C cSt	IP 71 / ASTM D445	34
Cone Penetration, Worked @25°C 0.1mm	IP 50 / ASTM D217	310-340
Dropping Point °C	IP 396	>150°C

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 S3 High 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

■ Re-greasing Intervals

For couplings 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.