



Technical Data Sheet

Previous Name: Shell Malleus Grease OGH

Shell Gadus S2 OGH 0/00

- Good Wear Resistance
- High Temperature
- Clay

High Performance Open Gear and Wire Rope Grease

Shell Gadus S2 OGH greases are designed for use in high temperature, open gear applications such as rotary cement kiln gears. The products are designed to be sprayed onto the kiln gears.

Shell Gadus S2 OGH greases are based upon an inorganic non-soap thickener dispersed in a high viscosity base oil containing graphite.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **High melting point**
The inorganic thickener has a high melting point and performance is limited only by the properties of the oil and the additive components.
- **Excellent pumpability**
Shell Gadus S2 OGH 0/00 can be readily pumped to allow easy distribution via spray systems onto the gear teeth.
- **Excellent load carrying capacity under severe conditions**
Grease contains selected solid additives to ensure excellent resistance to shock loading.
- **Proven performance in large Cement plants**
Very successful track records in some of the largest Cement plants.

Main Applications



- High temperature open gears
- Rotary cement kiln gears

Specifications, Approvals & Recommendations

- Ferry-Capitain
- FLSmidth
- Danieli

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 S2 OGH 0/00
NLGI Consistency				0/00
Colour				Dark grey
Soap Type				Bentonite Clay
Base Oil (Type)				Mineral
Solid Lubricant				Graphite 15%
Base Oil Viscosity	@40°C	cSt	IP 71 / ASTM D445	1000
Base Oil Viscosity	@100°C	cSt	IP 71 / ASTM D445	42
Cone Penetration, Worked	@25°C	0.1mm	IP 50 / ASTM D217	395
Dropping Point		°C	IP 396	Over 250
Four Ball Test		kg	IP 239	800
FZG Scuffing Test			A/2.76/50 ISO 14635-3	12 pass

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 OGH 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 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.