



Previous Name: Shell NL Grease 000

# Shell Gadus S3 Wirerope

- Heavy Duty Protection
- Corrosion Protection
- Lithium

Premium wirerope grease

Shell Gadus S3 Wirerope grease is a tacky, high quality, lithium soap-based grease incorporating multifunctional, extreme pressure additives, finely dispersed graphite and molybdenum disulphide. Shell Gadus S3 Wirerope grease exhibits outstanding load-carrying capacity in bearings operating up to the maximum rated speed for grease lubrication in the temperature range -15°C to 70°C. The temperature range can be increased 90°C for bearings operating at 75% of the maximum rated speed.

## DESIGNED TO MEET CHALLENGES

### Performance, Features & Benefits

- Provides continuous lubrication even under severely loaded and boundary lubrication conditions due to the presence of finely dispersed graphite and molybdenum disulphide.
- Grease is retained under adverse conditions due to the presence of tackiness additive.
- Excellent corrosion protection even under harsh conditions. Achieved a 'd' rating in the SKF TMG/EMCOR dynamic rust test (IP 220) under salt water wash-out conditions.

### Main Applications



Shell Gadus S3 Wirerope is recommended for the lubrication of wire ropes.

### 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 S3 Wirerope Grease
NLGI Consistency				000
Colour				Black
Soap Type				Lithium
Kinematic Viscosity	@40°C	mm <sup>2</sup> /s	IP 71 / ASTM D445	130
Kinematic Viscosity	@100°C	mm <sup>2</sup> /s	IP 71 / ASTM D445	10
Dropping Point		°C	IP 396	170
Timken OK Load				27
Cone Penetration, Worked	@25°C	0.1 mm	IP 50 / ASTM D217	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 S3 Wirerope 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.