



Formerly Known As: Shell Limona Grease LX 1

# Shell Gadus S3 V550L 1

- Heavy Duty Protection
- High Temperature
- Lithium Complex

*Premium Multipurpose Heavy Duty Grease*

Shell Gadus S3 V550L 1 is a lithium complex grease based on high viscous mineral oils, containing anti-oxidants, EP- and wear preventive additives and rust inhibitors.

## DESIGNED TO MEET CHALLENGES

### Main Applications



Shell Gadus S3 V550L 1 is designed for the lubrication of heavily loaded bearings in mining, steel, paper and pulp industry. The product has excellent load carrying capacity, excellent shear stability and superb rust preventing properties. It has very strong adhesive properties thus suitable for use in f.ex. continuous casting machines, hot roll tables e.g. furnace charge and discharge tables, withdrawal tables and cooling racks, normalizing ovens, shieves on ladle cranes, doctor rolls, rope pulleys and low speed felt rolls in dryers on paper, pulp and board machines.

### 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 V550L 1
NLGI Consistency		1.5
Penetration, worked 60 strokes (0.1 mm)	IP 50 / ASTM D217	305±10
Dropping Point °C	IP 396	285
Kinematic Viscosity @40°C cSt	IP 71 / ASTM D445	550
Kinematic Viscosity @100°C cSt	IP 71 / ASTM D445	36
Rust Preventing Properties : SKF Emscor distilled water		Pass
Rust Preventing Properties : SKF Emscor WWO distilled water		Pass
Lubricating Ability SKF R2F A		Pass
Lubricating Ability SKF R2F B @150°C		Pass
Water Washout Test	ASTM D1264	0.05
Shear Stability, Shell Roll 50hrs @80°C		≤+50
Temperature Range (intermittently) °C		-25/+150 (200)

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 V550L 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.