



Formerly Known As: Lux SWEP 1

Shell Gadus S3 V460T 1.5

- Heavy Duty Protection
- High Temperature
- Lithium Complex

Premium Multipurpose High Temperature Heavy Duty Grease

Shell Gadus S3 V460T 1.5 Grease is part of the lithium complex family of premium, high temperature greases for heavy duty industrial applications. This product is formulated with high quality mineral oils and performance additives that enhance oxidative stability, load carrying capacity and corrosion protection. The product is especially suited for slow speed bearings operating under heavy loads where moisture contamination is possible.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- High base oil viscosity to meet leading OEM requirements for slow moving large bearings

Proven as a general purpose steel mill grease for slow speed, heavily loaded bearings

- Excellent mechanical stability even under vibrating conditions

Consistency retained over long periods, even in conditions of severe vibration.

- Enhanced extreme-pressure properties

Excellent load-carrying performance

- Excellent water resistance

Ensures lasting protection even in the presence of water contamination

Main Applications



Shell Gadus S3 V460T 1.5 Grease is used for the grease lubrication of heavy-duty, slow moving bearings used in heavy industries:

- Steel (General purpose mill bearings, Work roll bearings etc)
- Cement
- Paper
- Chemical Industry
- Mining

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 V460T 1.5
NLGI Consistency				1.5
Colour				Light Brown
Soap Type				Lithium complex
Base Oil Type				Mineral
Base Oil Viscosity	@40°C	cSt	IP 71 / ASTM D445	460
Base Oil Viscosity	@100°C	cSt	IP 71 / ASTM D445	31
Cone Penetration, Worked	@25°C	0.1mm	IP 50 / ASTM D217	290 - 320
Dropping Point		°C minimum	IP 396	250
4 Ball Weld Load		kg	ASTM D2596	315
Four Ball Wear Scar		mm	ASTM D2266	0.5

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 V460T 1.5 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 Safety Data Sheet, which can be obtained from <https://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

- **Operating Temperature Range**

-20°C to +140°C (peak 150°C)

- **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.