



Technical Data Sheet

Previous Names: Shell Albida Grease HLS 2, Shell Albida MPS

Shell Gadus S5 V460 2

- Heavy Duty Protection
- High Temperature
- Lithium Complex

Advanced Multipurpose Heavy Duty Grease

Shell Gadus S5 V460 is a multipurpose extreme pressure lithium complex grease for a wide range of bearing lubrication applications. It is based on high viscosity synthetic base oil, PAO, and a lithium complex soap thickener with the latest in additive technology. It has excellent thermal stability and operates very well across both high and low temperatures.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- Excellent thermal stability
- High dropping point
- Long operational life across both high and temperatures
- Excellent shock load protection
- Corrosion and water resistant
- Oxidation stability

Specifications, Approvals & Recommendations

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk, or the OEM Approvals website.

Main Applications



- Heavy duty transport and industrial applications where bearings operate under heavy loads, and in severe conditions
- Paper mill dry ends or other applications requiring non-staining grease
- Truck wheel hubs
- Leaky gear boxes

Typical Physical Characteristics

Properties			Method	Shell Gadus S5 V460 2
NLGI Consistency				2
Colour				Light Brown
Soap Type				Lithium Complex
Base Oil (type)				Synthetic
Kinematic Viscosity	@40°C	cSt	ASTM D445	460
Kinematic Viscosity	@100°C	cSt	ASTM D445	45
Cone penetration, Worked	@25°C		ASTM D217	265-295
Dropping Point			IP 396	260
Pumpability Long Distance				Good

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 S5 V460 00 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.