



Technical Data Sheet

Formerly Known As: Shell Albida Grease HLS 2, Shell Albida MPS

Shell Gadus S5 V460 2

Advanced Multipurpose Heavy Duty Grease

Shell Gadus S5 V460 2 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.

- Heavy Duty Protection
- High Temperature
- Lithium Complex

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

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

- 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

Specifications, Approvals & Recommendations

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Main Applications



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 2 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.