



Technical Data Sheet

Previous Names: Shell Alvania Grease WR 2 (460), Alvania HD

Shell Gadus S2 V460A 2

- Heavy duty protection
- Water resistant
- Lithium Calcium

High performance multipurpose heavy duty grease

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

■ Cost Savings

Reduced grease consumption versus high quality Lithium greases, due to excellent adhesiveness, better resistance to washout & vibration that result from Shell's "in house" formulation & manufacturing expertise.

Lower waste grease disposal costs that result from lower usage.

Lower maintenance costs due to prolonged bearing operation that is possible when high quality, superior products are used.

Lower total labour costs, due to the extended lubrication intervals & less downtime that results from using a superior performance product.

■ Peace of Mind

The knowledge that Shell is in FULL control from Research & Development to manufacture & quality assurance in our own QS and ISO approved plants, which have often been audited and passed by quality conscious customers.

Availability of Shell expertise, to assist in safely developing the cost savings available from the wide range of Shell products.

■ Proven products that have been demonstrated to work in a range of field applications, giving them the pedigree expected from the largest Grease marketer in the world

Shell brand which guarantees professional standards & guaranteed back up whatever the lubrication problem.

■ Convenience

One supplier for all requirements, reduces time wasted on calls to numerous suppliers, simplifies way of working.

Guaranteed suitable lubrication of equipment world-wide, as this product is part of the International SeaShell range of products, which can be found throughout the world.

Availability wherever required, Nationally & Internationally (Shell now markets lubricants in more than 100 countries).

Main Applications



■ Steel, Cement

Heavy-duty plain and rolling element bearings operating in the following environments:

- Water rich environments.
- Heavy/shock loads.

Specifications, Approvals & Recommendations

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

Typical Physical Characteristics

Properties			Method	Shell Gadus S2 V460A 2
NLGI Consistency				2
Soap Type				Lithium/Calcium
Base Oil				Mineral
Kinematic Viscosity	@40°C	cSt	IP 71 / ASTM D445	460
Cone Penetration, Worked	@25°C	0.1mm	IP 50 / ASTM D217	265-295
Dropping Point		°C	IP 396	175

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 S2 V460A 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

■ Operating Temperature Range

Shell Gadus S2 V460A is recommended for use over the temperature range -20°C to 130°C (140°C peak).

■ Advice

Advice on applications not covered here may be obtained from your Shell representative.