



Shell Alvania Grease S 2

Premium Performance Multipurpose Grease

Shell Alvania Greases S 2 is a general purpose industrial grease based on a lithium hydroxystearate soap thickener fortified with anti-oxidant, anti-wear and anti-rust additives.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Reliable high temperature performance**
Provides protection even at high operating temperatures.
- **Good oxidation and mechanical stability**
Resists the formation of deposits caused by oxidation at high operating temperatures and maintains consistency, reducing leakage.
- **Good corrosion resistance characteristics**
Effective protection in hostile environments.
- **Long storage life and low noise**
Does not alter in consistency during prolonged storage.

Main Applications

- Rolling element and plain grease lubricated bearings.
- Electric motor bearings.
- Shell Alvania Grease S 2 may be used under a wide range of operating conditions, including severe duty, elevated temperatures and in the presence of moisture.
- **Re-greasing Intervals**
For bearings operating near their maximum recommended temperatures, re-greasing intervals should be reviewed.

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 Alvania Grease S 2
NLGI Consistency		2
Soap Type		Lithium hydroxystearate
Base Oil (Type)		Mineral
Kinematic Viscosity (Base Oil) @40°C mm ² /s	ISO 3104	130
Cone Penetration, Worked	ASTM D217	265 - 295
Dropping Point °C minimum	ASTM D566	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 Alvania Grease S 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

- **Advice**

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