



- Reliable Protection
- Multi-purpose Applications

Shell Gadus S2 V160 2

High Performance Multipurpose Extreme Pressure Grease

Shell Gadus S2 V160 2 greases are formulated with selective additive combinations and are suitable for lubrication of rolling element and plain bearings as well as hinges and slide surfaces such as those found in throughout most industrial and transport sectors.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Improved Mechanical Stability**

Shell Gadus S2 V160 2 is developed with Shell innovative thickener technology and provides improved mechanical stability against grease softening with subsequent loss of lubrication and leakage especially in vibrating environments.

- **Outstanding Load Carrying Capacity**

Shell Gadus S2 V160 2 greases contain selective extreme-pressure additives that provide reliable protection against heavy and shock loads without failure of the lubrication film.

- **Good Corrosion Resistance Characteristics**

Shell Gadus S2 V160 2 is formulated with high performance additive combinations together which together with the thickener technology provide good protection against corrosion in varied working conditions across the applications.

- **Enhanced Water Resistance**

Shell Gadus S2 V160 2 is designed to provide effective resistance to water 'wash-off' by immersion or spray and enable enhanced protection in working environment with water contamination.

Main Applications



Shell Gadus S2 V160 2 is designed for most Industrial applications where a reliable EP Grease is need, including,

- Plain, sliding and rolling element bearings operating under harsh conditions
- Variety of applications in Construction, Cement, Steel and Manufacturing sectors with EP recommendation
- High loaded Wheel bearing
- Applications exposed to water containing environment

Specifications, Approvals & Recommendations

For a full list of equipment approvals and recommendations, please contact your local Shell Technical Helpdesk

Typical Physical Characteristics

Properties			Method	Shell Gadus S2 V160 2	
NLGI Consistency				2	
Colour			Visual	Brown	
Soap Type				Lithium/Calcium	
Base Oil (type)				Mineral	
Base Oil Viscosity	@40°C	mm ² /s	ASTM D445	160	
Dropping Point			°C minimum	IP 396	180
Copper corrosion 24 hrs	100°C			ASTM D4048	1b Max
Four Ball EP Weld Point			kgf minimum	ASTM D2596	250
Four Ball EP Load Wear Index			kgf minimum	ASTM D2596	30
Water Washout	1 hour @ 79°C	%m maximum	ASTM D1264	10	

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

This product 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

• Re-greasing Intervals

For bearings operating near their maximum recommended temperatures, re-greasing intervals should be reviewed

• Operating Temperature

Shell Gadus S2 V160 2 is recommended for the operating temperature range -20°C to +130°C