



Previous Name: Shell Albida Grease SDS 1

Shell Gadus S5 V1350 1

- Heavy Duty Protection
- High Temperature
- Lithium Complex

Advanced Multipurpose Heavy Duty Grease

Shell Gadus S5 V1350 1 consists of a lithium complex soap thickener, a synthetic base fluid blend and a specially formulated additive package. This extreme pressure (EP) grease is compounded with a highly viscous synthetic base fluid ensuring high film strength. It is formulated with high performance additives which insure excellent high temperature oxidation performance, anti-wear and anti-corrosion properties.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Excellent film strength**
Viscous synthetic base fluid and performance additives.
- **Excellent load carrying capability**
Efficient lubrication of heavily loaded components.
- **Excellent corrosion and rust protection**

Specifications, Approvals & Recommendations

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

Main Applications



Shell Gadus S5 V1350 is intended for use in plain and rolling element bearings operating at extremely slow speeds, under heavy loads and high temperatures. Common applications include rotary cooker kiln, rotary stoker, furnace, hammer mill and washer bearings.

Typical Physical Characteristics

Properties			Method	Shell Gadus S5 V1350 1
NLGI Consistency				1
Color				Amber
Base Oil (type)				Synthetic
Kinematic Viscosity	@40°C	cSt	ASTM D445	1350
Kinematic Viscosity	@100°C	cSt	ASTM D445	105
Cone penetration, Worked	@25°C	0.1mm	ASTM D217	310-340
Dropping Point			IP 396	260
Four Ball EP Weld Point			kgf	250
Four Ball Wear, 1 hr / 40 kgf / 1200 rpm	@75°C		ASTM D2266	0.6
Copper Corrosion			ASTM D4048	1b max
Rust Test, Distilled Water			ASTM D1748	Pass

These characteristics are typical of current production. While future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

- **Health and Safety**

Shell Gadus S5 V1350 1 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 authorized collection point. Do not discharge into drains, soil or water.

Additional Information

- **Operating Temperature Range**

From -25°C to 120°C.

- **Dispensing**

Shell Gadus S5 V1350 1 is suitable for dispensing through standard lubrication equipment.

- **Advice**

Product recommendations for applications and specifications not covered here may be obtained from your Shell representative.