



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    |       | ASTM D2596 | 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.