



Shell Rotella SD Grease

- Heavy Duty Protection
- High Temperature
- Lithium Complex

Special Duty Moly Grease

Shell Rotella SD Grease is a high performance high temperature grease for vehicle and equipment lubrication. Formulated with moly solid lubricant (molybdenum disulfide), Shell Rotella SD Grease is designed for lubrication of demanding applications in vehicles and equipment including high shock loads where rapid starts and stops may occur such as chassis points, sliding pins, trailer hitches, and axle splines where shock loading is possible.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- High base oil viscosity to provide excellent load carrying performance
- Excellent mechanical stability even where continuously exposed to weather
- Consistency retained over long periods, even in conditions of severe vibration
- Excellent load-carrying performance enhanced by the presence of solids
- **Excellent water resistance**
Ensures lasting protection even in the presence of large amounts of water.
- **Effective corrosion protection**
Ensures components/bearings do not fail due to corrosion.
- **High dropping point**
Resistant to high temperatures.

Main Applications



Shell Rotella SD Grease is used for the grease lubrication of vehicles and equipment:

- Passenger cars to heavy trucks
- Tractors and tractor attachments
- Construction equipment
- Industrial equipment
- Power take-off linkages
- Trailers and hitches

Specifications, Approvals & Recommendations

- NLGI 2
- For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical Physical Characteristics

Properties			Method	Shell Rotella SD Grease
NLGI Consistency				2
Colour				Black
Soap Type				Lithium complex
Base Oil Type				Mineral
Kinematic Viscosity	@40°C	cSt	ASTM D445	460
Kinematic Viscosity	@100°C	cSt	ASTM D445	31
Cone Penetration, Worked	@25°C	0.1mm	ASTM D217	265-295
Dropping Point		°C minimum	IP 396	240

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 Rotella SD Grease 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 <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**

-20°C to +140°C (peak 150°C)

- **Advice**

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