



## Technical Data Sheet

Previous Name: Shell SRS 2000 Grease Summer

# Shell Gadus S4 V600AC 1.5

- Heavy Duty Protection
- Water resistant
- Red Lithium/Calcium

## Advanced Multi-purpose Heavy Duty Grease

Shell Gadus S4 V600AC provides outstanding heavy duty water resistant protection. This semi synthetic grease is the benchmark for performance in this severe service area because of the unique combination of thickener, polymers and additives.

### DESIGNED TO MEET CHALLENGES

#### Performance, Features & Benefits

- **High base oil viscosity to provide excellent load carrying performance**  
Meets the recommended base oil viscosity recommended by leading OEMs.
- **Excellent mechanical stability**  
To prevent grease breakdown, even in the presence of water.
- **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.
- **Excellent Adhesion (Tackiness)**  
Stays in place for longer re-lubrication intervals.

#### Main Applications



- Shell Gadus S4 V600AC resists water and provides long lasting protection for pins, bushings, 5th wheels, chassis points, universal joints, and couplings.
- Mining
- Steel
- Forestry & Agriculture

#### Specifications, Approvals & Recommendations

For additional questions and listing of equipment approvals and recommendations, contact your local Shell Technical Helpdesk or the OEM Approvals website.

#### Typical Physical Characteristics

Properties	Method	Shell Gadus S4 V600AC 1.5
NLGI Grade		1.5
Color		Red
Appearance		Tacky
Thickener		Lithium/Calcium
Worked Penetration - 60 strokes @25°C	IP 50 / ASTM D217	305
Worked Penetration - 100,000 strokes @25°C	IP 50 / ASTM D217	318
Worked Penetration - 100,000 strokes with 10% water added @25°C	IP 50 / ASTM D217	340
Estimated Operating Range Temperature °C		-15 to 135
Minimum Dispensing Temperature °C		0
Dropping Point °C	IP 396	183
Base Oil Viscosity, Blended @40°C cSt	IP 71 / ASTM D445	171
Base Oil Viscosity, Extracted @40°C cSt	IP 71 / ASTM D445	600
Base Oil Viscosity, Extracted @100°C cSt	IP 71 / ASTM D445	37.2
EP Tests - 4 Ball Scar mm		0.5
EP Tests - 4 Ball, Load Wear Index		50

Properties		Method	Shell Gadus S4 V600AC 1.5
EP Tests - Timken OK Load	kg		18.2
Water Spray off, % loss			50
Water Washout Test wt % loss	@78°C		5
Bomb Oxidation Pressure drop at 100h	@99°C	kPa	20
Corrosion Test, 48 hr Rating	@52°C		Pass
Oil Separation, wt%			0.3
Mobility	@-17.8°C	g/min	0.8

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 S4 V600AC 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

### ■ Re-greasing Intervals

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

### ■ Advice

Product recommendations on applications not listed here may be obtained from your Shell representative.