



Formerly Known As: Shell Retinax Grease CSZ, Shell Ossagol V

# Shell Gadus S4 V45AC 00/000

- Improved Efficiency
- Centralised Systems
- Red Lithium Calcium

## Advanced Multipurpose Grease

Shell Gadus S4 V45AC Grease is a fluid grease for use in centralised lubrication systems. This grease is based on highly refined mineral as well as selected synthetic base oils, extreme-pressure and other carefully selected additives to provide excellent protection in all conditions.

### DESIGNED TO MEET CHALLENGES

#### Performance, Features & Benefits

- **Good pumpability**  
No line blockages even at very low temperatures down to -45°C or under moderate pressure.
- **Good water resistance**  
Withstands washing with water, preventing loss of protection.
- **Effective extreme-pressure properties**  
Efficient lubrication of heavily loaded components, FZG (A/2,8/50) Load stage >12.

- Centralised chassis lubrication systems on trucks and buses or other “one-shot” systems.
- Pneumatic tools.

#### Specifications, Approvals & Recommendations

- MAN 283 Li-P 00/000
- MB approval 264.0
- Willy Vogel

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

#### Main Applications



#### Typical Physical Characteristics

| Properties                |        |       | Method            | Shell Gadus S4 V45AC 00/000 |
|---------------------------|--------|-------|-------------------|-----------------------------|
| NLGI Consistency          |        |       |                   | 00/000                      |
| Colour                    |        |       |                   | Red                         |
| Soap Type                 |        |       |                   | Lithium Calcium             |
| Base Oil (type)           |        |       |                   | Part Synthetic              |
| Kinematic Viscosity       | @40°C  | cSt   | IP 71 / ASTM D445 | 40                          |
| Kinematic Viscosity       | @100°C | cSt   | IP 71 / ASTM D445 | 7                           |
| Cone penetration, Worked  | @25°C  | 0.1mm | IP 50 / ASTM D217 | 440                         |
| Pumpability Long Distance |        |       |                   | Very Good                   |

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 Gadus S4 V45AC 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 Range**

From -40°C to 120°C

Upper temperature limit: 130°C (Short periods)

- **Dispensing**

Shell Gadus S4 V45AC Grease is easily dispensed through standard lubrication equipment

- **Advice**

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