



Previous Name: **Shell Cyprina Grease RA**

Shell GadusRail S2 Traction Motor Bearing Grease

High Performance Traction Motor Bearing Grease

- *Long Life*
- *Lithium*

Product Description

Shell GadusRail S2 Traction Motor Bearing grease is one of Shell's highest quality lithium soap-based greases. It is manufactured to specifications that provide excellent mechanical stability and long service life. These properties are needed for many critical anti-friction bearing applications. **Shell GadusRail S2 Traction Motor Bearing grease** is a NLGI Grade 3 grease formulated using mineral base oils.

Applications

- traction motor bearings of General Electric locomotives and those previously made by General Motors Electromotive Diesel
- prepackaged anti-friction bearings intended for "life-time" service without relubrication, a feature highly desired by the railroad industry

Features/Benefits

- outstanding mechanical stability
- long service life
- friction reducer
- fill-for-life capability

Approvals and Recommendations

Shell GadusRail S2 Traction Motor Bearing grease meets the requirements of:

- General Electric
- General Motors Electromotive Division (EMD)

**Typical Properties of Shell GadusRail S2 Traction Motor Bearing Grease**

| | Test Method | |
|--|-------------|----------------|
| Appearance | | Amber, Buttery |
| Base Oil Viscosity: @ 40°C, cSt | D 445 | 93 |
| @ 100°C, cSt | D 445 | 10.2 |
| Penetration, dmm Worked, 60X | D 217 | 230 |
| Dropping Point, °F | Mettler | 380 |
| Bomb Oxidation Test Pressure Drop @100 hrs, psi | D 942 | 0.8 (5.5 kPa) |
| Wheel Bearing Leakage @ 160°C, gm | D4290 | 1.1 |
| 4 Ball Wear Scar, mm 1 hr/75C/1200 rpm/40 kg / | D2266 | 0.6 |
| Oil Separation, 24 hr/100 C, % | FTM321 | 0.6 |

Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet at <http://www.equivashellmsds.com>. For more information and availability, call **1+877-276-7283** or World Wide Web: <http://www.shell-lubricants.com/>.