

# RHINO SEMI SYNTHETIC GEAR OIL SAE 75W-90 API GL-5

## Ultra-Performance Gear Oil

### DESCRIPTION

RHINO SEMI SYNTHETIC GEAR OIL 75W-90 is a smooth shift extreme pressure API GL-5 semi-synthetic gear oil, with superior high temperature stability when compared to conventional mineral gear oils. Ideal for use in transaxle applications with combined manual gearbox and differential. It is formulated using hydro finished base fluids with superior additive packages to enhance wear protection, corrosion protection, seal compatibility and low temperature characteristics.

### APPLICATIONS

- Transaxles with combined manual gearbox and hypoid differential where API GL-5 is required.
- Passenger cars, towing vehicles, 4x4, light commercial vehicles
- Spiral bevel gears and hypoid gears operated under moderate speed and moderate load
- Selected manual transmissions and transaxles where API MT-1 are unsuitable

### PERFORMANCE FEATURES AND BENEFITS

- Reduces gearshift baulking in cold temperatures
- Good corrosion protection and rust prevention for longer component life
- Smooth shift feel for the life of the oil
- Reducing harmful deposits
- Will not harm brass or bronze
- Contains synthetic base oils for longer life
- Superior oil film strength for excellent protection
- Better low temperature performance
- High viscosity index for better performance at high operating temperature
- Excellent wear reduction and good friction behavior
- High thermal and oxidation stability for longer life
- Compatible with synchro materials

### RECOMMENDATIONS / SPECIFICATIONS

API GL-5 GL-4 Plus, GM 12346190, MB 235.10/235.4, Chrysler MS 9224, ZF TE-ML 01/02/08, BTR 5M-42, MAN 341, US Military MIL-L-2105, Ford ESW-M2C-83A/B, ESPM2C-83, WSD M2C200-C, GM HN 1046, 1070, 1820, 1855, 2276 Voith Turbo 132.00374401, Voith Turbo 132.00374402, Siemens Traction Gears GmbH (former Flender Rail) T7302, SEW-Eurodrive

### TYPICAL TECHNICAL PROPERTIES

|  |             |
|--|-------------|
| PRODUCT CODE:                                  | AL-GO-25011 |
| Viscosity Grade, SAE J306                      | 75W-90      |
| Density at 15°C, g/ml, ASTM D4052              | 0.873       |
| Kinematic Viscosity at 100°C, mm²/s, ASTM D445 | 14.5        |
| Kinematic Viscosity at 40°C, mm²/s, ASTM D445  | 97.25       |
| Viscosity Index, ASTM D2270                    | 155         |
| Flash Point(COC), °C, ASTM D92                 | 210         |
| Pour Point, °C, ASTM D97                       | -42         |
| Four-Ball EP Weld, ASTM D2783, kg              | 250         |
| Timken OK Load, ASTM D 2782, lb                | 95          |

Note: These characteristics are typical of current production. While future production will conform to RHINO's specification, variations in these characteristics may occur.  
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\* supersedes all previous versions

Packing: 1L, 4L, 5L, 18L, 20L, 25L, 200L, 205L, 208L, 210L