



SCHALTEN RS 5

SEMI SYNTHETIC

PRODUCT DESCRIPTION:

SCHALTEN RS 5 semi synthetic multi-grade gear oil is recommended for manual transmissions and for axle transmissions, transfer cases, intermediate gear boxes, ancillary transmissions in vehicles and work machines requiring API GL-5 oil. It is developed to eliminate seasonal transmission oil changes. The balanced additive combination warrants properties such as high pressure capacity, above average viscosity-temperature properties, high oxidation stability, low solidification points, good wear protection and prevents sludge.

APPLICATION:

- Gearboxes requiring API GL-5 performance
- Not recommended for applications requiring API GL-4 Level performance
- Not intended for automatic, manual, or semiautomatic transmissions for which engine oil or automatic transmission fluids are recommended
- Please verify OEM requirements and oil selection criteria

FEATURES & BENEFITS:

- Good thermal/oxidation stability which protects against the formation of harmful deposits and oil thickening, prolonging the life of components and lubricant
- Superior low temperature fluidity provides smoother gear shifting and differential operation in cold conditions

PERFORMANCE LEVELS: (Meets & Exceeds)

- API: GL-5
- API MT-1
- MIL-PRF-2105E
- SAE J2360
- MAN 342 M2
- SCANIA STO 1:0
- ZF TE-ML 05A, 7A, 12E, 16B, C & D, 17B, 19B, 21A
- MB 235.8
- VOLVO 97312

TYPICAL PROPERTIES:

| PARAMETERS | TEST METHOD | UNIT | SCHALTEN RS 5 | |
|------------------------------------|-------------|-------------------|---------------|----------|
| SAE Grade | | | 80W-90 | 80W-140 |
| Kinematic Viscosity @ 104°F /40°C | ASTM D-7042 | cSt | 125 | 227 |
| Kinematic Viscosity @ 212°F /100°C | ASTM D-7042 | cSt | 14.8 | 26 |
| Viscosity Index (min) | ASTM D-2270 | - | 121 | 146 |
| SP. Gravity @15°C/ 60°F | ASTM D-4052 | g/cm ³ | 0.880 | 0.880 |
| Flash Point (min) | ASTM D-92 | °C | 210 | 210 |
| Pour Point (max) | ASTM D-97 | °C | -33 | -33 |
| Brookfield Viscosity @ -26 °C | ASTM D-5293 | mPa.s | <150,000 | <150,000 |

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Runol.net

