



## SCHALTEN RS 5

### MINERAL

#### PRODUCT DESCRIPTION:

SCHALTEN RS 5 is a mineral oil based high-performance, high-pressure gear oil manufactured from carefully selected base oils and multifunctional extreme pressure additives. This hypoid gear oil is suitable for axle drives - especially for heavy-duty hypoid transmissions. It has excellent viscosity/temperature properties.

#### APPLICATION:

- Gearboxes requiring API GL-5 performance
- For high-load motor vehicle transmissions, particularly axle drives with hypoid gearing.

#### FEATURES & BENEFITS:

- Excellent viscosity/temperature properties
- Minimizes wear
- Does not attack common sealing materials
- Reduces running noise
- High pressure-absorption capability
- Excellent resistance to aging

#### PERFORMANCE LEVELS: (Meets & Exceeds)

- API: GL-5
- API MT-1
- MIL-L-2105D
- 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			
Grade			90	140	85W90	85W140
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	195	410	198	278
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	17.5	28.9	17.5	28.0
Viscosity Index (min)	ASTM D-2270	-	97	98	95	134
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm <sup>3</sup>	0.896	0.898	0.895	0.895
Flash Point (min)	ASTM D-92	°C	230	250	230	220
Pour Point (max)	ASTM D-97	°C	-12	-12	-18	-18
Brookfield Viscosity @ -12 °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

