

DESCRIPTION

Hon-R Limited Slip Gear Oils are heavy-duty gear lubricants formulated with premium base stocks and advanced additive technology. They are specifically engineered for passenger cars, SUVs, light trucks, and commercial vehicles operating under severe conditions. The oil contains a friction modifier system optimized for limited-slip differentials (LS), eliminating the need for additional additives. This product provides exceptional film strength, outstanding thermal stability, and excellent low-temperature fluidity for year-round protection.

APPLICATIONS

- ◆ Automotive axles, final drives, and differentials (including limited-slip differentials) requiring API GL-5 performance.
- ◆ Manual transmissions where API GL-5 are recommended.
- ◆ Passenger cars, light trucks, SUVs, vans, and off-road vehicles.
- ◆ Extended drain service in severe-duty applications where OEM allows.

BENEFITS

- ◆ Built-in friction modifiers ensure smooth, chatter-free operation of LS differentials.
- ◆ Resists oxidation and deposit formation at high temperatures.
- ◆ Protects gears and bearings against scuffing, pitting, and wear under shock loading.
- ◆ Excellent cold-flow properties improve start-up lubrication and fuel efficiency.
- ◆ Helps prevent leaks by maintaining elastomer seal integrity.
- ◆ Multigrade ensures reliable lubrication across wide temperature ranges

SUITABLE FOR USE

- ◆ API MT-1
- ◆ API GL-5
- ◆ MIL-L-2105D
- ◆ MIL-PRF-2105E
- ◆ Mack GO-J
- ◆ SAE J2360

TYPICAL PROPERTIES

TEST PARAMETER	METHOD	80W-90	85W-140
Density @ 15 °C, lbs/gal	ASTM D4052	7.247	7.264
Kinematic Visc. @ 40 °C, cSt	ASTM D7042	127	240
Kinematic Visc. @ 100 °C, cSt	ASTM D7042	16.5	26.6
Viscosity Index	ASTM D2270	143	144
Flash Point, °C (°F)	ASTM D93	165 (329)	183 (361)
Pour Point, °C (°F)	ASTM D97	-27 (-17)	-18 (0)

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