



UNION ENERGY GEAR OIL

Product Description:

UNION ENERGY GEAR OIL has higher thermal and oxidation stability, low pour point, and improved low temperature fluidity that delivers high performance viscosity-temperature properties necessary for wide temperature range applications, outstanding protection against thermal degradation and oxidation, wear and corrosion and save energy. UNION ENERGY GEAR OIL is a outstanding performance multipurpose gear lubricant formulated with advanced base oils and the advance technology additive system. It is a automotive gear lubricant and also a industrial equipment extreme pressure lubricant.

UNION ENERGY GEAR OIL is applicable for heavy duty manual transmissions, rear axles and industrial enclosed gears operating under severe conditions, including worm gears where operations require gear lubricants with relatively high viscosity and excellent load-carrying capability with wide temperature conditions and where extreme pressures and shock loading are expected.

Applications / Benefits:

- ▣ Gear protection in low and high-speed conditions.
- ▣ Cost saving associated with seasonal oil changes.
- ▣ Energy saving.
- ▣ Ease in starting at low temperature.
- ▣ Multipurpose capability.

Typical Characteristics:

Test Description	Method	90	140	80W90	85W90	85W140
SAE Viscosity Grade	SAE J 300	90	140	80W90	85W90	85W140
Specific Gravity @ 15 °C	ASTM D 4052	0.894	0.907	0.885	0.896	0.907
Flash Point, °C	ASTM D 92	215	226	214	220	225
Pour Point, °C	ASTM D 97	-9	-6	-24	-12	-9
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	198	421	140	153	378
cSt @ 100°C	ASTM D 445	17.0	28.4	14.6	15.1	27.4
Viscosity Index	ASTM D 2270	95	94	103	99	98
Color	ASTM D 1500	<3.0	<3.5	<2.5	<3.5	<3.5

Specifications/Approvals/Recommendations:

- API GL-4

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