

WT GEAR OIL – API: GL-5 EXTREME PRESSURE AUTOMOTIVE GEAR OIL

DESCRIPTION:

WT Gear Oil API GL-5 is a superior sulfur-phosphorus, extreme pressure gear lubricant formulated with premium quality base stocks, friction modifiers and corrosion inhibitors, meeting the requirements of API GL-5 as well as many other manufacturer specifications. This oil is formulated to produce a superior gear lubricant with extreme pressure characteristics and thermal stability for automotive applications over a wide range of temperatures and heavy-duty conditions.

APPLICATION:

Recommended for use in spiral bevel and hypoid differentials, power dividers and transmissions requiring EP gear lubes under high speed, high load, high torque and high horse power conditions. Meets or exceeds the quality requirements of numerous vehicle manufacturers such as IVECO, MAN, SCANIA and VOLVO for heavy vehicles rear axles and final drive units.

FEATURES & BENEFITS:

- Extreme pressure properties protect hypoid and other types of gears from scuffing and wear
- Superior thermal and oxidative stability
- High safety margin against foaming and corrosion
- Protects against oil seal deterioration

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API GL-5
- MIL MIL-L-2105D
- MAN 342 M2
- ZF 12E/16B 16D 16C/17B 19B/21A

TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	WT OIL GEAR OIL API GL-5						
			90	140	80W-90	85W-90	80W-140	85W-140	75W-90
SAE Grade			90	140	80W-90	85W-90	80W-140	85W-140	75W-90
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	200.0	405.1	142.0	200	225	405.0	86.1
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	17.5	28.3	15.6	17.5	28.5	28.2	14.4
Viscosity Index	D-2270	-	96	97	114	96	165	96	174
SP. Gravity @15°C	D-4052	g/cm3	0.899	0.902	0.895	0.899	0.880	0.905	0.845
Flash Point (min)	D-92	°C	230	236	220	230	218	234	214
Pour Point (max)	D-97	°C	-9	-9	-27	-15	-27	-12	-42
Brookfield Viscosity	D-2983	cp	-	-	<150,000 (-26C)	<150,000 (-12C)	<150,000 (-12C)	<150,000 (-26C)	<150,000 (-40C)