



Focusing on Enhanced Performance

Product Name: KENZOL Gear Oils (Fully Synthetic)

Application:

- KENZOL Gear Oils are produced with high quality base oils blended with EP, antioxidant, anti-corrosion and anti-wear additives for usage in differential, gear boxes and hypoid gears under extreme duty conditions.
- It meets and exceeds the performance requirements of cars, vans, and various commercial vehicle manufacturers.
- Highly suitable for earth moving equipment, farm equipment and passenger cars. Recommended for use in hypoid or spiral bevel gear differentials and industrial gear units. Heavy duty manual transmissions, axles, heavy-duty trucks, light vehicles and industries such as construction, mining, quarrying and agriculture.

Performance Benefits:

- Excellent chemical and thermal stability at high temperatures.
- Superior rust protection helps protect from water contamination and wet conditions.
- Viscosity grades have excellent low temperature fluidity to ensure optimum performance in all seasons.
- Special additive technology assures protection from metal to metal contact of the gears under the most severe operating conditions.

Performance Level: Recommended for the below performance levels / grades:

- API GL-4, API GL-5/MT-1, BTR 5M-31, MIL-L-2105D, ZF TE ML-01/02/05/07/08
- 75W90 synthetic - MAN 342 M3, Scania STO 1:0 / Scania STO 2:0, MB 235.8, MAN 341 Z2, MB 235.0 ZF TE-ML 02B/05A/12L/12N/16B/17B/19B/ 21A, ZF TE-ML 05B/07A/08/12B/12E/12M/16C/19C/21B
- 75W80 synthetic - MAN 341 Type Z4/ Z5/ E3 ZF TE-ML 01L/02L/02D/08/16K VOLVO 97305
- 75W140 synthetic- Scania , Ford WSL-M2C 192-A



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Typical Properties: **KENZOL Gear Oils (Fully Synthetic)**

SAE Grade	Method	75W-80	75W-90	75W-140
Density @15° C, gm/ml	ASTM D-1298	0.872	0.871	0.878
Viscosity @100° C, cSt	ASTM D-445	8.5	17.00	27.54
Viscosity @40° C, cSt	ASTM D-445	50.35	126.5	238.15
Viscosity Index	ASTM D-2270	145	147	150
Flash point, COC, ° C	ASTM D-92	220	220	220
Pour point, ° C	ASTM D-97	-39	-39	-39
Copper corrosion@100	ASTM D-130	1a	1a	1a
Water crackle @100	Hot plate	-ve	-ve	-ve
Water separability	ASTM D-1401	40:40:5	40:40:10	40:40:10
Homogeneity & Miscibility	ASTM D-6922	pass	pass	pass