



Focusing on Enhanced Performance

Product Name: **KENZOL TURBO-SYN Diesel Engine Oils (Fully Synthetic)**

KENZOL TURBO-SYN is a fully synthetic engine oil engineered for modern high-performance petrol and diesel engines. Turbo-SYN is enriched with advanced additive technology to provide maximum protection against sludge and ash deposits. Meets and exceeds API CH-4, CI-4 and CJ-4 standards for on-roads and off-roads application. Turbo-SYN is specially formulated to suit modern common rail turbo direct injection (CRDI) diesel engines in SUVs and commercial utility pick-up trucks as well as high performance generators. It is suitable for all turbocharged engines operating under severe conditions in all climates. It has exceptional thermal stability at high temperatures and provides outstanding lubrication at all temperature levels.



FEATURES & BENEFITS:

- Specially designed to control sludge formation ensuring a long life for Both diesel and gasoline engines.
- Excellent for all weather performance due to improved cold weather Properties
- Potential to double the oil drain intervals compared to current diesel engine oil
- Provides outstanding anti-wear, anti-oxidation, anti-foam, anti-rust and anti-corrosive properties.
- High engine cleanliness.



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

- API Service category CJ-4
- ACEA E6 E9 E4 E7
- CATERPILLAR ECF-3
- CUMMINS CES 20081
- DETROIT DIESEL 93K218
- JD JDQ-78X
- SCANIA LA
- DAF EXTENDED DRAIN
- JASO DH-1
- JASO DH-2
- VOLVO VDS-4
- VOLVO VDS-3
- RENAULT RLD-2
- RENAULT RLD-3
- MAN M3477
- MAN M3271-1
- MAN M3575
- MB 228.31
- DEUTZ DQC IV-10LA
- MACK EO-N Premium Plus
- MACK EO-O Premium Plus
- MB 228.51



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SAE Grade	Method	5W-30	5W-40	10W-30	10W-40	15W-40
API Grade		API CJ-4	API CJ-4	API CJ-4	API CJ-4	API CJ-4
Appearance	Visual	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear
Density @15° C, gm/ml	ASTM D-1298	0.852	0.850	0.866	0.864	0.870
Viscosity @40° C, cSt	ASTMD-445	64.10	84.0	80.5	103.2	114
Viscosity @100° C, cSt	ASTMD-445	10.89	15.0	12.1	15.3	15.5
Viscosity Index	ASTM D-2270	159.899	145	146	156.327	144
Flash point, COC, ° C	ASTM D-92	230	226	230	232	234
Pour point, ° C	ASTM D-97	-45	-42	-36	-36	-36
Total Base Number	ASTM D-2896	11.0	11.2	11.0	11.2	11.0
Foaming Characteristic, ml (Mints)	ASTM D-892	0 / <10 10 / <50 0 / <10	0 / <10 10 / <50 0 / <10	0 / <10 10 / <50 0 / <10	0 / <10 10 / <50 0 / <10	0 / <10 10 / <50 0 / <10
Homogeneity & Miscibility	ASTM D-6922	pass	pass	pass	pass	pass
Copper corrosion @100 ° C	ASTM D-130	1a	1a	1a	1a	1a