

WT OIL - API: CI-4/SL SYNTHETIC

DESCRIPTION:

WT Oil CI-4/SL is a fully synthetic high-performance heavy-duty diesel engine oil that helps towards long engine life while providing long drain capability for modern diesel engines operating in severe applications. The high TBN level neutralizes the harmful effects of Sulphur contained in low quality diesel fuel. It delivers excellent performance in modern low emission engines, as well as older, well-maintained engines.

APPLICATION:

It is recommended for use in super high-performance diesel applications, including modern low emission engine designs with Exhaust Gas Recirculation (EGR). These applications include on-highway engines operating in both high speed/high load and stop-and-go conditions, off-highway engines operating in severe low speed/heavy load conditions, and virtually all diesel-powered equipment from American, European, and Japanese equipment builders.

FEATURES & BENEFITS:

- Outstanding thermal and oxidation stability
- One engine oil for mixed fleet operations
- Exceptional low temperature pumpability
- Helps towards long life of critical wear surfaces
- Long drain capability and Fuel economy potential

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CI-4/SL
- DTFR 15B110 / 229.1
- Volvo VDS-3
- JASO DH1
- Cummins CES 20076/20077/78
- Renault RLD-2
- Allison C4
- DDC 93K215
- ACEA E7, A3/B3/B4
- MAN M3275-1
- Deutz DQC III-10
- MACK EO-N
- Global DHD-1
- MTU Type 2
- Caterpillar ECF 1a, ECF 2

TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	WT OIL C1-4/SN (FULLY SYNTHETIC)			
			0W-30	0W-40	5W-30	5W-40
SAE Grade			0W-30	0W-40	5W-30	5W-40
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	67.1	89	68.45	91.65
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	11.9	15.1	11.8	15
Viscosity Index	D-2270	-	176	180	170	173
SP. Gravity @15°C/ 60°F	D-4052	g/cm3	0.845	0.845	0.859	0.859
Flash Point (min)	D-92	°C	234	230	234	232
Pour Point (max)	D-97	°C	-42	-42	-42	-42
TBN	D-2896	Mg KOH/g	11	11	11	11
CCS, (°C)	D-5293	m.Pa.S	<6200 (-35°C)	<6200 (-35°C)	<6600 (-30°C)	<6600 (-30°C)