

WT OIL - API: CI-4/SL MINERAL

DESCRIPTION:

WT Oil CI-4/SL is a high-performance diesel engine oil that provides excellent lubrication to diesel engines. It maximizes performance in the latest US, European and Japanese heavy-duty diesel engines including severe applications such as high loads and multi trailer applications. It exhibits outstanding detergent, dispersant and anti-wear properties to keep the engine clean and enable efficient control of soot, sludge and piston deposits.

APPLICATION:

Recommended for modern heavy-duty engines, wide range of turbo-charged and naturally aspirated diesel engines as well as all kinds of gasoline engines. All types of generators, trucks, construction machinery, passenger cars or mixed fleet comprising diesel and gasoline powered cars.

FEATURES & BENEFITS:

- High thermal and oxidation stability
- Reduced sludge build-up, deposits and viscosity increase
- Stay-in-grade shear stability
- Excellent low temperature properties
- Wear protection and viscosity control
- Improved viscosity control and oil pumpability

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/SL (MINERAL)		
			15W-40	20W-40	20W-50
SAE Grade			15W-40	20W-40	20W-50
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	114.1	117.3	174.2
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	15.3	14.5	19.6
Viscosity Index	D-2270	-	141	126	130
SP. Gravity @15°C/ 60°F	D-4052	g/cm3	0.879	0.890	0.890
Flash Point (min)	D-92	°C	230	236	236
Pour Point (max)	D-97	°C	-33	-24	-24
TBN	D-2896	Mg KOH/g	11	11	11
CCS, (°C)	D-5293	m.Pa.S	<7000 (-20°C)	<9500 (-15°C)	<9500 (-15°C)