

## WT OIL - API: CF-4/SJ MINERAL

### DESCRIPTION:

WT Oil CF-4/SJ is a high-performance heavy-duty engine oil based on high quality mineral base stocks and advanced additives technology providing superior dispersancy / detergency, wear and oxidation resistance properties. Ideal for mixed fleet use having a variety of different makes of heavy-duty diesel engines and using fuels of a wide range.

### APPLICATION:

Recommended for modern heavy-duty engines, wide range of turbo-charged or naturally aspirated diesel engines, generators, trucks, construction cars, passenger cars or mixed car group comprising diesel and gasoline cars. It is recommended for automotive diesel engine of passenger cars and light commercial vehicles where the OEM recommends API CF-4 or earlier specification.

### FEATURES & BENEFITS:

- Fuel saving and reduces maintenance expenses for machines and engines
- Very long oil changing period
- Resists oil thickening and the formation of carbon, varnish and sludge deposits
- Good viscosity control
- Prolonged engine life
- Safeguards the moving parts
- Keeps engine Clean

### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CF-4/SJ
- ACEA E2-96, A3/B3
- MAN 3275-1
- MACK EO/K2
- MB 228.2
- MTU Type-2
- VOLVO VDS
- CES 20075/74/73

### TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	WT OIL CF-4/SJ (MINERAL)						
			15W-40	15W-50	20W-50	20W-60	25W-60	40	50
SAE Grade			15W-40	15W-50	20W-50	20W-60	25W-60	40	50
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	116.15	109.5	175.35	201.05	241.65	151.4	214.15
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	15.35	15.2	19.8	24.2	24.0	15.5	20.2
Viscosity Index	D-2270	-	139	146	131	150	125	105	110
SP. Gravity @15°C/ 60°F	D-4052	g/cm3	0.881	0.878	0.891	0.887	0.890	0.895	0.896
Flash Point (min)	D-92	°C	236	232	236	230	230	242	246
Pour Point (max)	D-97	°C	-33	-33	-24	-24	-24	-15	-15
TBN	D-2896	Mg KOH/g	9	9	9	9	9	9	9
CCS, (°C)	D-5293	m.Pa.S	<7000 (-20°C)	<7000 (-20°C)	<9500 (-15°C)	<9500 (-15°C)	-	-	-