

WT OIL - API: CH-4/SJ MINERAL

DESCRIPTION:

WT Oil CH-4/SJ is a high-performance engine oil that provides proven protection to diesel engines operating in severe conditions for both On and Off-highway applications. This product has been blended with highest performance base oils and fortified with an advanced additive system which assures superior control of oil thickening caused by soot buildup and high temperature oxidation. It helps achieve reduced oil consumption and wear protection.

APPLICATION:

These heavy-duty engine oils are recommended for all types of diesel and gasoline engines where the manufacturer specifies the API service CH-4/SJ. They are especially suited for use in low temperature environments where extreme pumpability properties are required. These Oils are also suitable for on-road and off-road applications, including equipment that are exposed to extreme low temperature operations. This oil is suitable for use in moderate to high sulfur content fuel.

FEATURES & BENEFITS:

- Improved oxidation stability to minimize deposit formation
- Higher TBN to extend protection from acids caused by combustion
- Better protection against valve train wear
- Improved low temperature performance
- Potential fuel economy improvement compared to conventional CH-4 heavy duty engine oils

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- API CH-4/SJ
- ACEA E7, A3/B3/B4
- MTU Type 2
- Cummins CES 20076
- DTFR 15B110
- VOLVO VDS-2
- JASO DH1
- DFS 93K215
- MAN 3275
- Renault RLD-2
- Mack EO-M/EO-L

TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	WT OIL CH-4/SJ (MINERAL)					
			15W-40	15W-50	20W-50	20W-60	40	50
SAE Grade			15W-40	15W-50	20W-50	20W-60	40	50
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	114.1	109.5	174.2	201.35	151.4	184.6
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	15.3	15.2	19.6	24.1	15.5	19
Viscosity Index	D-2270	-	141	146	130	149	105	117
SP. Gravity @15°C/ 60°F	D-4052	g/cm3	0.879	0.878	0.890	0.887	0.892	0.892
Flash Point (min)	D-92	°C	236	232	236	230	242	246
Pour Point (max)	D-97	°C	-33	-33	-24	-24	-15	-15
TBN	D-2896	Mg KOH/g	10	10	10	10	10	10
CCS, (°C)	D-5293	m.Pa.S	<7000 (-20°C)	<7000 (-20°C)	<9500 (-15°C)	<9500 (-15°C)	-	-