

## WT OIL - API: CH-4/SJ SEMI SYNTHETIC

### DESCRIPTION:

WT Oil CH-4/SJ semi synthetic is heavy duty diesel engine oil which helps to protect against the build-up of piston deposits for continuing engine efficiency. Exceeds performance limits in piston ring, cylinder liner and valve train wear tests for long engine life.

### 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
- MAN 3275
- VOLVO VDS-2
- MTU Type 2
- Mack EO-M/EO-L
- DFS 93K215
- DTFR 15B110
- ACEA E7, A3/B3/B4
- Renault RLD-2
- JASO DH1
- Cummins CES 20076
- DQC III-10

### TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	WT OIL CH-4/SJ (SEMI SYNTHETIC)	
			10W-30	10W-40
SAE Grade			10W-30	10W-40
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	74.15	104.1
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	11.75	15.4
Viscosity Index	D-2270	-	154	157
SP. Gravity @15°C/ 60°F	D-4052	g/cm <sup>3</sup>	0.875	0.876
Flash Point (min)	D-92	°C	236	234
Pour Point (max)	D-97	°C	-39	-39
TBN	D-2896	Mg KOH/g	10.5	10.5
CCS, (°C)	D-5293	m.Pa.S	<7000 (-25°C)	<7000 (-25°C)