WT OIL 4T – API: SM
SYNTHETIC / SEMI SYNTHETIC

DESCRIPTION:
WT Oil 4T API SM is a high-quality engine oil designed for four-stroke motorcycles. The unique blend of 4T motorcycle formulation enables it to offer advantages beyond conventional motorcycle oils of similar viscosities. It offers excellent flow characteristics at low temperatures to help reduce engine wear at start-up, and provide outstanding resistance to oxidation and volatilization at high temperatures, both of which degrade the oil. It also protects the engine, clutch, gears and allows the best functionality of these three critical areas of the motorcycle.

APPLICATION:
It is designed primarily for on-road, high-performance, 4-cycle sport bikes, however, it may be used in other types of on and off-road, 4-cycle motorcycles. It will also help provide excellent performance in motorcycle engines that are designed with a common engine/transmission lubrication system or where the engine lubrication system is separate from the transmission system.

FEATURES & BENEFITS:
• Outstanding protection against wear of engine and transmission components
• Exceptional thermal stability
• Outstanding wet clutch protection for maximum power transfer and smooth shifting
• Maximizes power and acceleration
• Excellent shear stability
• Added protection against harmful deposits

PERFORMANCE LEVELS / MEETS OR EXCEEDS:
• API SM
• JASO MA2

TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	WT OIL 4T API SM							
SAE Grade			5W-40	10W-30	10W-40	10W-60	10W-50	15W-50	20W-40	20W-50
Kinematic Viscosity @ 104°F /40°C	D-7042	cSt	93	77	95.4	185	131.5	153.95	125	185
Kinematic Viscosity @ 212°F /100°C	D-7042	cSt	14.6	11.9	14.4	25.3	19.5	19.5	15.2	20.4
Viscosity Index	D-2270	-	164	150	156	170	170	146	126	129
SP. Gravity @15°C/60°F	D-4052	g/cm3	0.860	0.866	0.865	0.860	0.861	0.880	0.890	0.890
Flash Point (min)	D-92	°C	230	226	228	230	230	230	236	236
Pour Point (max)	D-97	°C	-36	-36	-36	-36	-36	-27	-24	-24
TBN	D-2896	Mg KOH/g	7	7	7	7	7	7	7	7
CCS, (°C)	D-5293	m.Pa.S	<6600 (-30)	<7000 (-25)	<7000 (-25)	<7000 (-25)	<7000 (-25)	<7000 (-20)	<9500 (-15)	<9500 (-15)

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