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SERVICE INFORMATION

GENERAL INSTRUCTIONS

Oil filter screen and oil pump inspection and maintenance can be made without removing the engine.

SPECIFICATIONS

	STANDARD	SERVICE LIMIT
Engine oil capacity	Approximately 0.6 liter (0.65 US qt) at oil change 0.7 liter (0.74 US qt) at engine assembly	
Recommended oil	<p>HONDA 4-STROKE OIL SAE 10W-40 or equivalent. API service classification: SE</p> <p>Other viscosities may be used when the average temperature in your riding area is within the indicated range.</p> <p>Recommended oil viscosities</p> <p>The graph shows three horizontal bars representing recommended oil viscosities based on temperature. The top bar is labeled 'SAE 20W-40, 20W-50' and spans from approximately -20°F to 100°F. The middle bar is labeled 'SAE 10W-40' and spans from approximately 0°F to 100°F. The bottom bar is labeled 'SAE 10W-30' and spans from approximately -20°F to 80°F. The x-axis has two scales: Fahrenheit (-20 to 100) and Celsius (-30 to 40).</p>	
Oil pump	Tip clearance 0.15 mm (0.006 in) Body clearance 0.10 - 0.15 mm (0.004 - 0.006 in) End clearance 0.02 - 0.07 mm (0.001 - 0.003 in)	0.20 mm (0.008 in) 0.20 mm (0.008 in) 0.12 mm (0.005 in)

TROUBLESHOOTING

Oil level too low

1. External oil leaks
2. Worn valve guide or seal
3. Worn piston rings

Oil contamination

1. Oil not changed often enough
2. Head gasket faulty
3. Worn piston rings