

2. LUBRICATION

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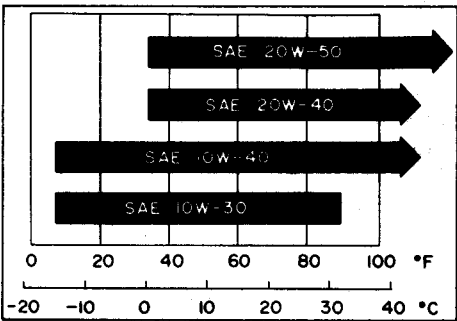
SERVICE INFORMATION

GENERAL

- To remove the oil pump, the following parts must be removed:
- Front cylinder exhaust pipe (Section 5).
- Right sub-frame (Section 5).
- Clutch assembly (Section 7).
- Gear shift linkage (Section 8).

SPECIFICATIONS

Engine oil

Oil capacity	3.0 liter (3.2 US qt, 2.6 Imp qt) after draining 3.5 liter (3.7 US qt, 3.1 Imp qt) after disassembly
Oil recommendation	<p>Use Honda 4-Stroke Oil or equivalent. API Service Classification: SE or SF. Viscosity: SAE 10W-40</p> <p>Other viscosities shown in the chart may be used when the average temperature in your riding area is within the indicated range.</p> <div style="text-align: right;"> <p>OIL VISCOSITIES</p>  </div>
Oil pressure (at oil pressure switch)	5.4 ± 0.7 kg/cm ² (62.6 ± 9.9 psi) at 6,000 rpm (80°C/176°F)
Oil pump delivery	36 liter (38.1 U.S. qt)/min. at 6,000 rpm

Oil pump service data

	STANDARD	SERVICE LIMIT
Rotor tip clearance	0.15 mm (0.006 in)	0.20 mm (0.008 in)
Pump body clearance	0.15-0.22 mm (0.006-0.009 in)	0.35 mm (0.014 in)
Pump end clearance	0.02-0.07 mm (0.001-0.003 in)	0.10 mm (0.004 in)

Final drive gear

	'83:	After '83:
Oil capacity	170 cc (5.7 oz.) after disassembly 130 cc (4.4 oz.) after draining	150 cc (5.1 oz.) after disassembly 130 cc (4.4 oz.) after draining
Recommended oil	Hypoid gear oil: Above 5°C/41°F SAE #90 Below 5°C/41°F SAE #80	Hypoid gear oil: SAE 80