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Vehicle Information Oil Pressure Data (Spot Sample)

Vehicle Information

Vehicle: 2007 Cayman Base

Engine: 2.7 L Oil Selection:

1. Daily driving: 5w-40

2. Daily driving with track days: 5w-50, 15w-50

Location: Southern California

Coolant/Oil temperature measurement equipment:

OBDLink CX + Harry's LapTimer app

2. Autel MaxiCOM Scanner Tool

Mods:

- 1. CFS center radiator
- 2. Low-temp thermostat
- 3. LN Engineering/Bilt 2qt Oil Sump Pan
- 4. X-51 style baffle
- 5. GlowShift Oil Pressure Gauge

Oil Pressure Data (Spot Sample)

Below are baseline tables containing samples of oil pressure with supporting environmental and configuration information. Initially, our focus was to sample oil pressure readings at highway speed with the engine warm so that we can compare with baseline oil pressure values on track days.

11/16/23	_								
		RPM							
		Idle	2000	3000	4000	5000	6000	7000	
Coolant Temp: 172 °F (77.8 °C)	psi (bar)	-	-	62.5 (4.3)	-	-	-	-	
Constant Speed		Yes							
Ambient Temperature		60 °F (15.6 °C)							
Oil		Liqui Moly 5W-40							
Miles on Oil		1500 Miles							
Vehicle Miles		106,805 Miles							

1/27/24

		RPM						
		Idle	2000	3000	4000	5000	6000	7000
Coolant Temp: 172 °F (77.8 °C)	psi (bar)	-	-	67 (4.6)	-	-	-	-
Constant Speed		Yes						
Ambient Temperature		62 °F (16.7 °C)						
Oil		Liqui Moly 5W-50						
Miles on Oil		0 Miles						
Vehicle Miles		110,530 Miles						

2/23/24

		RPM							
		Idle	2000	3000	4000	5000	6000	7000	
Coolant Temp: 172 °F (77.8 °C)	psi (bar)	-	-	64 (4.4)	-	-	-	-	
Constant Speed		Yes							
Ambient Temperature		60 °F (15.6 °C)							
Oil		Liqui Moly 5W-50							
Miles on Oil		1500 Miles							
Vehicle Miles		112,030 Miles							

8/6/24

0,0,=:									
		RPM							
		Idle	2000	3000	4000	5000	6000	7000	
Coolant Temp: 172 °F (77.8 °C) Oil Temp: 196.7 °F (91.5 °C)	psi (bar)	21 (1.4)	55 (3.8)	69 (4.8)	72 (5.0)	73 (5.0)	72 (5.0)	-	
Constant Speed		Yes							
Ambient Temperature		77 °F (25 °C)							
Oil		Mobil 1 15W-50							
Miles on Oil		2454 Miles							
Vehicle Miles		117,122 Miles							