



OIL REPORT

LAB NUMBER: Q11284

UNIT ID: 22 GLADIATOR

REPORT DATE: 8/26/2022

CLIENT ID:

CODE: 20/68

PAYMENT: CC Online

UNIT	MAKE/MODEL: Chrysler 3.6L Pentastar V-6	OIL TYPE & GRADE: 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,253 Miles
	ADDITIONAL INFO: Rubicon	

CLIENT	DAVID	PHONE:
		FAX:
		ALT PHONE:
		EMAIL:

COMMENTS DAVID: This seems to be probably the second fill of oil on a new engine, so we're not alarmed that iron and silicon are reading on the high side. These are most likely residual wear-in by-products that are going to make their exit as more oil changes take place. The universal averages at right show how the 3.6L Pentastar typically wears over ~7K miles of oil use, once all the wear-in stuff has a chance to wash out. The oil's physical properties look fine, and there's no coolant contamination or fuel dilution to speak of. If needed, another 2K miles on this oil would be okay.

	MI/HR on Oil	3,253	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	6,653						
	Sample Date	8/13/2022						
	Make Up Oil Added	0 qts						
ELEMENTS IN PARTS PER MILLION	ALUMINUM	5						4
	CHROMIUM	1						1
	IRON	29						17
	COPPER	12						17
	LEAD	0						0
	TIN	1						0
	MOLYBDENUM	100						103
	NICKEL	0						0
	MANGANESE	9						1
	SILVER	0						0
	TITANIUM	0						3
	POTASSIUM	3						3
	BORON	18						46
	SILICON	41						13
	SODIUM	9						25
	CALCIUM	1145						1489
	MAGNESIUM	463						445
PHOSPHORUS	663						689	
ZINC	755						772	
BARIUM	2						0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	52.2	46-56				
	cSt Viscosity @ 100°C	7.94	6.0-9.4				
	Flashpoint in °F	430	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.2	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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