



OIL REPORT

LAB NUMBER: L18285
REPORT DATE: 5/10/2019
CODE:

UNIT ID: 16 2500
CLIENT ID:
PAYMENT:

UNIT	MAKE/MODEL: Chrysler 6.4L Hemi V-8	OIL TYPE & GRADE: 0W/40
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 6,300 Miles
	ADDITIONAL INFO:	

CLIENT	TIM D	PHONE:
	JDC	FAX:
		ALT PHONE:
		EMAIL:

COMMENTS	TIM: The viscosity read a little light for 0W/40 oil. It's pretty common for them to use a lighter grade at the factory for wear-in purposes. This oil worked just fine in your new Dodge Ram. There's a lot of metal and some extra silicon in the oil, but all that is normal at the first oil change point. The metal is from new parts wearing in, while silicon is from sealers and lubes. All that should start improving now that you've removed this factory oil from the engine. The TBN is still good so the oil had active additive left when you changed it. Try 7,500-9,000 miles next!
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	6,300	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
	MI/HR on Unit	6,300								
	Sample Date	3/29/2019								
	Make Up Oil Added	0 qts								
	ALUMINUM	11	11							4
	CHROMIUM	1	1							1
	IRON	92	92							26
	COPPER	324	324							61
	LEAD	7	7							1
	TIN	1	1							0
	MOLYBDENUM	215	215							161
	NICKEL	1	1							0
	MANGANESE	27	27							5
	SILVER	0	0							0
	TITANIUM	0	0							1
	POTASSIUM	13	13							3
	BORON	8	8							66
	SILICON	16	16							7
	SODIUM	14	14							17
	CALCIUM	2232	2232							2445
	MAGNESIUM	24	24							61
	PHOSPHORUS	673	673							752
	ZINC	748	748							872
	BARIUM	2	2							0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	62.5	64-75					
	cSt Viscosity @ 100°C	10.93	11.3-14.5					
	Flashpoint in °F	410	>385					
	Fuel %	<0.5	<2.0					
	Antifreeze %	0.0	0.0					
	Water %	0.0	0.0					
	Insolubles %	0.1	<0.6					
	TBN	3.3	>1.0					
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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