



OIL REPORT

LAB NUMBER: J56432
 REPORT DATE: 8/25/2017
 CODE: 1/685

UNIT ID: 196202
 CLIENT ID: XXXXXXXXXX
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Chrysler 5.7L V-8 Hemi	OIL TYPE & GRADE: 5W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,300 Miles
	ADDITIONAL INFO: Dodge Charger	

CLIENT	HUBB FILTERS, INC - CALIFORNIA	PHONE: (415) 986-8238
	233 TAMALPAIS DR	FAX:
	STE B	ALT PHONE:
	CORTE MADERA, CA 94925	EMAIL: rcummins@hubbfilters.com

COMMENTS HUBB: We're assuming this Charger has the 5.7L Hemi, but let us know if that's wrong. Universal averages show typical wear for this type of engine after about 5,800 miles of oil use, which is close to the interval this oil was in place. As you can see, wear metals are much lower, so this engine is wearing well at 44,553 total miles. The extra sodium is just a harmless additive in the oil, not contamination. No fuel or water was detected and the TBN shows lots of active additive left in the oil at 3.6 since 1.0 or less is low. Nice first report!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,300	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	44,553						
	Sample Date	8/1/2017						
	Make Up Oil Added							
ALUMINUM	2	3					3	
CHROMIUM	0	0					1	
IRON	11	13					19	
COPPER	18	28					32	
LEAD	0	0					0	
TIN	1	2					1	
MOLYBDENUM	5	22					81	
NICKEL	0	0					1	
MANGANESE	0	1					2	
SILVER	0	0					0	
TITANIUM	0	0					1	
POTASSIUM	4	3					3	
BORON	6	26					48	
SILICON	4	5					8	
SODIUM	317	161					55	
CALCIUM	1888	1793					1944	
MAGNESIUM	14	13					214	
PHOSPHORUS	596	631					750	
ZINC	726	749					801	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	57.0	46-59				
	cSt Viscosity @ 100°C	9.37	6.0-10.2				
	Flashpoint in °F	415	>365				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.3	<0.6				
	TBN	3.6	>1.0				
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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