



OIL REPORT

LAB NUMBER: K48312

UNIT ID: 11 F350

REPORT DATE: 8/27/2018

CLIENT ID: 53660

CODE: 20/32

PAYMENT: CC: MC

UNIT

MAKE/MODEL: Ford 6.7L Power Stroke
FUEL TYPE: Diesel
ADDITIONAL INFO:

OIL TYPE & GRADE: Amsoil 15W/40
OIL USE INTERVAL: 7,492 Miles

CLIENT

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COMMENTS

TIM: We called the last report the best yet, but the lack of fuel dilution in this sample means this one takes its place. Wear metals are remarkably steady, and at healthy levels to boot, so the oil-sharing parts are getting along well as this Power Stroke makes its way up to 100,000 total miles. Not only is there no fuel dilution to mention, but we also didn't find any coolant or dirt. The viscosity is still firmly in range of a 15W/40, and insolubles at 0.5% indicate proper oil filtration. A great set of results! Just check back next time to hopefully find more of the same.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	7,492	UNIT / LOCATION AVERAGES	7,140	7,514	7,324	7,200	UNIVERSAL AVERAGES
	MI/HR on Unit	96,215		88,723	81,583	74,009	52,314	
	Sample Date	8/13/2018		4/8/2018	10/20/2017	5/27/2017	3/21/2016	
	Make Up Oil Added	0 qts		0 qts	0 qts	0 qts	0 qts	
	ALUMINUM	8		9	11	13	17	
	CHROMIUM	2		2	3	3	3	
	IRON	22		22	29	37	44	
	COPPER	2		3	2	3	4	
	LEAD	0		0	0	0	0	
	TIN	0		0	0	0	0	
	MOLYBDENUM	1		2	8	55	51	
	NICKEL	0		0	0	1	1	
	MANGANESE	0		0	1	1	1	
	SILVER	0		0	0	0	2	
	TITANIUM	0		0	0	0	0	
	POTASSIUM	2		3	3	0	0	
	BORON	37		39	30	17	22	
	SILICON	7		7	8	8	7	
	SODIUM	6		6	8	7	7	
	CALCIUM	1249		1356	1145	948	1047	
	MAGNESIUM	739		750	744	904	914	
	PHOSPHORUS	1177		1215	1049	913	976	
	ZINC	1258		1340	1183	1114	1145	
	BARIUM	0		0	0	0	0	

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	73.4	68-80	75.6	74.3	73.6	77.5
	cSt Viscosity @ 100°C	13.85	12.4-15.8	14.41	14.08	13.89	14.89
	Flashpoint in °F	430	>410	405	430	435	400
	Fuel %	<0.5	<2.0	0.5	<0.5	<0.5	1.0
	Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0
	Water %	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.5	<0.6	0.3	0.3	0.4	0.4
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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