OIL REPORT

LAB NUMBER: J58845 **UNIT ID:** 16 F350
REPORT DATE: 9/6/2017 **CLIENT ID:**
CODE: 83/993 **PAYMENT:** CC: MC

UNIT

MAKE/MODEL: Ford 6.7L Power Stroke
FUEL TYPE: Diesel
ADDITIONAL INFO:
OIL TYPE & GRADE: Valvoline 15W/40
OIL USE INTERVAL: 6,000 Miles

CLIENT

PHONE:
FAX:
ALT PHONE:
EMAIL:

COMMENTS

CHRIS: This is an impressive set of results to kick off your F350's oil analysis program! Universal averages show typical wear for the 6.7L PSD engine after about 6,600 miles on the oil. Your oil run was in the same ballpark, so it's great to see wear metals either at or below averages. It also means that your engine is wearing better than most others of its kind. The viscosity was correct and there's no harmful contamination to discuss either. Soot measured at 0.4% of the sample. The TBN read at 6.3 -- lots of active additive left for a longer run. Feel free to use 8K miles next.

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	6,000							
MI/HR on Unit	32,000							
Sample Date	8/13/2017							
Make Up Oil Added	0 qts							
ALUMINUM	3	3						11
CHROMIUM	1	1						2
IRON	13	13						31
COPPER	3	3						3
LEAD	0	0						0
TIN	0	0						1
MOLYBDENUM	51	51						29
NICKEL	0	0						1
MANGANESE	0	0						1
SILVER	0	0						0
TITANIUM	0	0						1
POTASSIUM	2	2						5
BORON	6	6						35
SILICON	5	5						7
SODIUM	5	5						6
CALCIUM	980	980						1624
MAGNESIUM	784	784						498
PHOSPHORUS	943	943						997
ZINC	1011	1011						1168
BARIUM	2	2						2

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	69.4	68-79					
cSt Viscosity @ 100°C	12.80	12.4-15.5					
Flashpoint in °F	425	>415					
Fuel %	<0.5	<2.0					
Antifreeze %	0.0	0.0					
Water %	0.0	0.0					
Insolubles %	0.4	<0.6					
TBN	6.3	>1.0					
TAN							
ISO Code							

*** THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE**

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