

OIL REPORT

LAB NUMBER: REPORT DATE: 8/8/2016

CODE: 20/685

UNIT ID: CLIENT ID: PAYMENT:

EQUIP. MAKE/MODEL: Ford 3.5L V-6 EcoBoost Twin

FUEL TYPE: Gasoline (Unleaded)

ADDITIONAL INFO:

OIL TYPE & GRADE: Pennzoil Ultra Platinum 5W/30

OIL USE INTERVAL: 9,544 Miles

PHONE: FAX:

ALT PHONE: EMAIL:

OMMENTS

There's still some fuel in this sample, but as we've mentioned before, 0.8% fuel is harmless and it seems as though some fuel is common for your engine and the use it sees. In fact, many of these engines have fuel in the oil, so you're not alone. If it ever starts to look like a problem, we'll be sure to let you know. Wear metals look pretty good, so there aren't any mechanical issues to mention. We excluded the first two samples from your unit/location averages since they were skewing the average file. The TBN was fine at 1.9, so try 11,000 miles or so next. Looks good!

	MI/HR on Oil	9,544		8,922	7,147	5,906	4,827	
	MI/HR on Unit	36,346	UNIT / LOCATION	28,802	17,880	10,733	4,827	UNIVERSAL
	Sample Date	7/3/2016	AVERAGES	8/13/2015	12/24/2014	5/31/2014	11/9/2013	AVERAGES
_	Make Up Oil Added	0 qts		0 qts	0 qts	0 qts	0 qts	
LION								
	ALUMINUM	4	4	4	5	8	21	5
MIL	CHROMIUM	1	1	1	1	1	1	1
2	IRON	38	30	27	24	25	35	21
œ	COPPER	31	35	28	47	66	180	24
Ш	LEAD	0	0	0	1	0	4	1
S	TIN	0	1	2	2	4	1	1
	MOLYBDENUM	57	55	59	49	52	73	59
A R	NICKEL	0	0	1	0	1	1	1
Δ	MANGANESE	15	16	13	20	24	57	7
Z	SILVER	0	0	0	0	0	0	0
	TITANIUM	3	2	2	0	2	0	2
TS.	POTASSIUM	2	3	3	3	4	14	4
Z	BORON	26	22	29	11	36	61	42
EME	SILICON	24	21	17	22	28	104	17
	SODIUM	7	5	4	3	2	10	30
H	CALCIUM	2286	2327	2346	2350	2313	2118	1850
	MAGNESIUM	20	19	26	12	23	9	225
	PHOSPHORUS	674	675	706	644	691	778	652
	ZINC	843	814	854	744	768	804	752
	BARIUM	0	0	0	0	0	1	2

Values Should Be*

		Cilibaia Bo					
SUS Viscosity @ 210°F	61.3	55-62	55.8	54.6	53.9	51.0	
cSt Viscosity @ 100°C	10.58	8.8-11.1	9.02	8.66	8.44	7.57	
Flashpoint in °F	370	>385	365	330	350	365	
Fuel %	8.0	<2.0	TR	1.8	8.0	TR	
Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0	
Water %	0.0	<0.1	0.0	0.0	0.0	0.0	
Insolubles %	0.3	<0.6	0.3	0.2	0.2	0.3	
TBN	1.9	>1.0	1.9	2.8	1.8	2.9	
TAN	·		·				
ISO Code	·		·	·			

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE