

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: OILANA-7501-1383 Company Name: NAJAY ENGINEERING INC Contact: GEORGE NAJARIAN Address: 12873 VA AVENTURA COWAN HGTS, CA 92705 US Phone Number: 714-699-3785		Component ID: FORD BOSS 2155 E Secondary ID: Component Type: UNLEADED GASOLINE ENGINE Manufacturer: FORD Model: MUSTANG Application: TRANSPORTATION Sump Capacity: 9 qt		Tracking Number: 12011L02315 Lab Number: I-659663 Lab Location: Indianapolis Data Analyst: JUK Sampled: 23-Mar-2012 Received: 02-Apr-2012 Completed: 04-Apr-2012	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: BYPASS Micron Rating: 15		Miscellaneous:		Product Manufacturer: FORD Product Name: MOTORCRAFT Viscosity Grade: SAE 5W50	
Comments	Infrared results indicate OXIDATION is SEVERELY HIGH; Viscosity is SIGNIFICANTLY LOW; Is the grade as identified correct? Please advise; Abrasives (silicon/dirt) are at a MODERATE LEVEL; Potassium is at a MINOR LEVEL; Lubricant and filter change acknowledged; Your note was taken into consideration;				

Sample #	Wear Metals (ppm)										Contaminant Metals (ppm)		Multi-Source Metals (ppm)						Additive Metals (ppm)					
	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorous	Zinc
1	42	0	1	7	29	4	3	0	0	0	35	14	20	0	44	0	25	0	314	174	2096	0	804	903

Sample #	Sample Information							Contaminants			Fluid Properties					
	Date Sampled	Date Received	Lube Time	Unit Time	Lube Change	Lube Added	Filter Change	Fuel Dilution	Soot	Water	Viscosity 40°C	Viscosity 100 °C	Acid Number	Base Number	Oxidation	Nitration
			mi	mi		qt		% Vol	% Vol	% Vol	cSt	cSt	mg KOH/g	mg KOH/g	abs/cm	abs/cm
1	23-Mar-2012	02-Apr-2012	2500	2500	Yes	1	Yes	0.8 - GC	<.1	<.1 - FTIR		13.6		4.28	38	14

Particle Count (particles/mL)										Additional Testing	
Sample #	ISO Code										
	Based On 4/6/14	> 4 µm	> 6 µm	> 10 µm	> 14 µm	> 21 µm	> 38 µm	> 70 µm	> 100 µm	Test Method	
1											

Comments are advisory only and are based on the assumption that the sample and data submitted are valid. Missing fluid or component information limits the evaluation. No warranty is expressed or implied.