



"Maintaining Oil and Equipment Through Science"

Coolant Analysis Report

North America: +1-877-251-8315

0	1	2	3	4
NORMAL		ABNORMAL		CRITICAL

Overall report severity based on comments.

Account Information	Component Information	Sample Information
Account Number: JGLUBR-8888-1797 Company Name: PIERRE FORTIN Contact: Address: 144 CALEDONIA ST APT 3 SAINT JOHNSBURY, VT 05819 US Phone Number: 802-274-4494	Component ID: 1FT8W3BTXJEB87729 EC Secondary ID: Component Type: COOLANT - CONVENTIONAL EG USED Manufacturer: FORD Model: F350 Application: TRANSPORTATION System Capacity:	Tracking Number: 21299A89444 Lab Number: H-883802 Lab Location: Houston Data Analyst: JPH Sampled: 16-Nov-2021 Received: 18-Nov-2021 Completed: 19-Nov-2021
	Miscellaneous Information	Product Information
		Product Manufacturer: Information Requested Product Name: Information Requested

Comments Coolant change is suggested if not done at sampling time. Consult Owner's Manual or engine OEM for correct coolant type when installing new coolant. The nitrite level is low. However; We are unable to evaluate the condition of the coolant corrosion inhibitors due to missing or unknown coolant manufacturer and/or product (fluid) name information. The pH level is moderately low and below specifications. This may indicate inadequate buffers, an air leak, combustion gas leak, localized over heating, mixing coolant formulations, or over extending coolant use. Resample at normal interval; Please provide missing COOLANT MANUFACTURER and PRODUCT NAME; Please provide this units sump capacity with next sample.

Sample #	Sample Information							Corrosion Metals (ppm)							Contaminants (ppm)		Corrosion Inhibitors (ppm)			Carrier Salts (ppm/10)			
	Date Sampled	Date Received	Coolant Time mi	Unit Time mi	Coolant Change	SCA Added gal	Filter Change	Iron	Aluminum	Copper	Lead	Tin	Silver	Zinc	Titanium	Calcium	Magnesium	Silicon	Phosphates	Boron	Molybdenum	Sodium	Potassium
1	16-Nov-2021	18-Nov-2021	36992	36992	No	0	No	0	0	1	0	0	0	1		6	3	3	0	2	7	12	604

#	Foam	Color	Oil	Fuel	Magnetic	Non-Magnetic	Odor
1	None	Clear Pink	None	None	None	None	None

#	Freeze Point (°F)	Boil Point (°F)	Antifreeze Percent (%)	pH Waters (pH)	Total Hardness (ppm)	Nitrite (ppm)	Specific Conductance (µS / cm)	SCA Number	Carboxylic Acid (Pass / Fail)
1	-42	226	53	7.5	26	5 - Strip	3520	0.0	

Sample #	Total Dissolved Solids ppm
1	1866

Comments are advisory only and are based on the assumption that the sample and data submitted are valid. Results relate only to the items tested. Missing fluid or component information limits the evaluation. No warranty is expressed or implied. Measurement uncertainty available upon request.



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Lubricant Analysis Report

North America: +1-877-251-8315

0	1	2	3	4
NORMAL		ABNORMAL		CRITICAL

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: JGLUBR-8888-1797 Company Name: PIERRE FORTIN Contact: Address: 144 CALEDONIA ST APT 3 SAINT JOHNSBURY, VT 05819 US Phone Number: 802-274-4494		Component ID: 1FT8W3BTXJEB87729 EO Secondary ID: 2018 F-350 Component Type: DIESEL ENGINE Manufacturer: FORD Model: 6.7 L Application: TRANSPORTATION Sump Capacity:		Tracking Number: 21299Z89443 Lab Number: H-883859 Lab Location: Houston Data Analyst: MPJ Sampled: 06-Nov-2021 Received: 18-Nov-2021 Completed: 19-Nov-2021	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: Information Requested Micron Rating: 0				Product Manufacturer: AMSOIL Product Name: Information Requested Viscosity Grade: SAE	
Comments		Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Base Number is MODERATELY LOW. As Base Number depletes, the ability to neutralize acids is diminished. Chrome is at a MINOR LEVEL and is possibly coming from piston ring plating. Please provide missing FLUID PRODUCT NAME to compare data to the correct standards.			

Sample #	Wear Metals (ppm)										Contaminant			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	Phosphorus	Zinc
1	44	3	1	18	4	2	1	0	0	0	6	3	1	0	1	0	1	0	35	674	1251	0	1043	1193

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 No. D4739	Oxidation	Nitration
			mi	mi		gal		%	%	%	cSt	cSt	mg KOH/g	mg KOH/g	abs / cm	abs / 0.1mm
1	06-Nov-2021	18-Nov-2021	69920	36992	No	0	No	<2 - Estimate	<.1	<.1 - FTIR		13.8		2.50	14	11

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

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