

## Coolant Analysis Report

North America: +1-877-251-8315



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  done at sampling time. Consult Owner's Manual or	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 Information								Corrosion Metals (ppm)							Contaminants (ppm)		Corrosion Inhibitors (ppm)				Carrier Salts (ppm/10)	
Sample #	te Sa	Date Received	Coolant Time     Time	<u>∃</u> . Unit Time	Coolant Change	g SCA Added	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

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

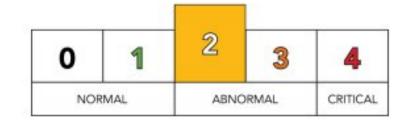
Sample #	Total	Dissolved	Solids	
1	1	86	6	

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.



## **Lubricant Analysis Report**

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Additional Testing

Account Information	Component Information	Sample Information
Account Number: JGLUBR-8888-1797	Component ID: 1FT8W3BTXJEB87729 EO	Tracking Number: 21299Z89443
Company Name: PIERRE FORTIN	Secondary ID: 2018 F-350	Lab Number: H-883859
Contact:	Component Type: DIESEL ENGINE	Lab Location: Houston
Address: 144 CALEDONIA ST APT 3	Manufacturer: FORD	Data Analyst: MPJ
SAINT JOHNSBURY, VT 05819	Model: 6.7 L	Sampled: 06-Nov-2021
US	Application: TRANSPORTATION	Received: 18-Nov-2021
Phone Number: 802-274-4494	Sump Capacity:	Completed: 19-Nov-2021
Filter Information	Miscellaneous Information	Product Information
Filter Type: Information Requested		Product Manufacturer: AMSOIL
Micron Rating: 0		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.

	Wear Metals (ppm)										Cor	ntamin	ant	Multi-Source Metals (ppm)					Additive Metals (ppm)					
Sample #	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	119

		Sampl	e Inforr	nation	<b>1</b>				Contaminants	Fluid Properties						
Sample #	Date Sampled	Date Received	3. Lube Time	∃. Unit Time	Lube Change	Lube Added	Filter Change	Fuel Dilution	% Soot	% Water	A0°C	사iscosity 100 °C	Acid Acid Number	S Base No.	a de Oxidation	/ sda mm.0
1	06-Nov-2021	18-Nov-2021	69920	36992	No	0	No	<2 - Estimate	<.1	<.1 - FTIR		13.8		2.50	14	11

				Partio	le Count	(particle	s/mL)				
Sample #	apoo OSI Based On 4/6/14	A v particles / mL	o ^ particles / mL	O ^ particles / mL	mL v	particles / mL	& ^ particles / mL	02 ^ particles / mL	00 / particles / mL	Test Method	
1	//										

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