

COOLANT REPORT

Sample Rating Trend



Machine Id Grand Blanc CAT 2 GBLM02BE

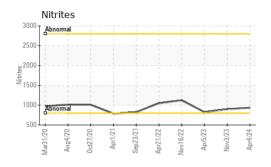


Jacket Water Coolant Fluid CHEVRON HEAVY DUTY PF COOLANT (--- GAL)

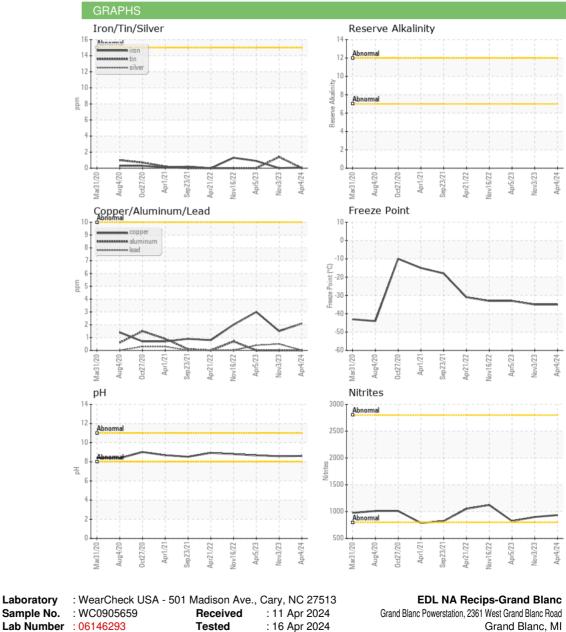
DIAGNOSIS	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		WC0905659	WC0870103	WC0795377
The fluid is suitable for further service. (Customer	Sample Date		Client Info		04 Apr 2024	03 Nov 2023	05 Apr 2023
Sample Comment: JW sample. First after coolant	Machine Age	hrs	Client Info		12061	8635	3813
change)	Oil Age	hrs	Client Info		12061	8635	3813
Corrosion	Oil Changed		Client Info		Changed	Changed	N/A
All metal levels are normal indicating no corrosion in the cooling system.	Sample Status				NORMAL	NORMAL	NORMAL
Contaminants	PHYSICAL TEST R	ESULTS	method	limit/base	current	history1	history2
here is no indication of any contamination in the	Glycol Type		FT-IR				
coolant.	Specific Gravity		*ASTM D1298		1.068	1.068	1.067
Coolant Condition Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.	рН	Scale 0-14	ASTM D1287	10.5	8.61	8.58	8.67
	Nitrites	ppm	AP-053:2009	>800	936	900	824
	Reserve Alkalinity	Scale 0-20	*ASTM D1121				
	Percentage Glycol	%	ASTM D3321	50	50.6	50.4	49.8
	Freezing Point	°F	ASTM D3321	-37	-35	-35	-33
	Total Dissolved Solids				184.0	224.5	241.0
	Carboxylate				fail	n/a	fail
	CORROSION INHI	IBITORS	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D6130	1000	50	47	100
	Phosphorus	ppm	ASTM D6130	0	4	4	15
	Boron	ppm	ASTM D6130		370	311	608
	Molybdenum	ppm	ASTM D6130		207	186	364
	CORROSION		method	limit/base	current	history1	history2
	Iron	ppm	ASTM D6130	>15	<1	0	<1
	Aluminum	ppm	ASTM D6130	>10	0	0	0
	Copper	ppm	ASTM D6130	>10	2	2	3
	Lead	ppm	ASTM D6130	>10	0	<1	<1
	Tin	ppm	ASTM D6130	>10	0	1	0
	Zinc	ppm	ASTM D6130		0	0	<1
	CONTAMINANTS		method	limit/base	current	history1	history2
	Chlorine	ppm	ASTM D6130		0	9	24
	CARRIER SALTS		method	limit/base	current	history1	history2
	Sodium	ppm	ASTM D6130		2223	1871	3288
	Potassium	ppm	ASTM D6130		47	40	147
	SCALE POTENTI	AL	method	limit/base	current	history1	history2
	Calcium	ppm	ASTM D6130		<1	2	1
	Magnesium	ppm	ASTM D6130		0	1	0



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Unique Number : 10976371 Diagnosed : 16 Apr 2024 - Jonathan Hester Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP) Contact: Tony Saint Marie Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. tony.saintmarie@edlenergy.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Report Id: EDLGRA [WUSCAR] 06146293 (Generated: 04/16/2024 09:19:31) Rev: 1

Laboratory

Submitted By: Tony Saint Marie Page 2 of 2

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