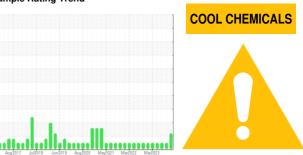


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

3579C AUTOCAR ACX

Natural Gas Engine

CHEVRON DELO 400 NG (48 QTS)

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Sodium and/or potassium levels are high. Test for glycol is negative.

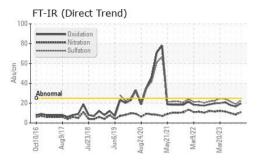
Fluid Condition

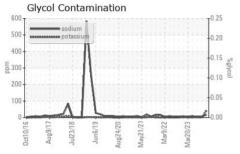
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

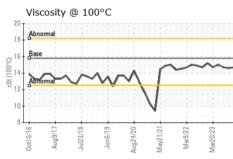
2016 Aug2017 Jul2018 Jun2019 Aug2020 May2021 Mar2022 Mar2023									
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2			
Sample Number		Client Info		GFL0127949	GFL0103192	GFL0103160			
Sample Date		Client Info		15 Jul 2024	04 Mar 2024	12 Feb 2024			
Machine Age	mls	Client Info		8023	8876	6473			
Oil Age	mls	Client Info		0	0	0			
Oil Changed		Client Info		Changed	Changed	Changed			
Sample Status				ABNORMAL	NORMAL	NORMAL			
CONTAMINAT	ION	method	limit/base	current	history1	history2			
Water		WC Method	>0.1	NEG	NEG	NEG			
WEAR METAL	S	method	limit/base	current	history1	history2			
Iron	ppm	ASTM D5185m	>50	11	8	17			
Chromium	ppm	ASTM D5185m	>4	<1	<1	<1			
Nickel	ppm	ASTM D5185m	>2	<1	<1	0			
Titanium	ppm	ASTM D5185m		<1	0	0			
Silver	ppm	ASTM D5185m	>3	0	0	0			
Aluminum	ppm	ASTM D5185m	>9	2	2	2			
Lead	ppm	ASTM D5185m	>30	<1	3	2			
Copper	ppm	ASTM D5185m	>35	6	0	<1			
Tin	ppm	ASTM D5185m	>4	<1	0	0			
Vanadium	ppm	ASTM D5185m		0	0	0			
Cadmium	ppm	ASTM D5185m		0	0	0			
ADDITIVES		method	limit/base	current	history1	history2			
Boron	ppm	ASTM D5185m		11	28	22			
Barium	ppm	ASTM D5185m		0	0	8			
Molybdenum	ppm	ASTM D5185m		53	49	55			
Manganese	ppm	ASTM D5185m		2	<1	0			
Magnesium	ppm	ASTM D5185m		565	573	564			
Calcium	ppm	ASTM D5185m		1563	1560	1487			
Phosphorus	ppm	ASTM D5185m	800	732	810	728			
Zinc	ppm	ASTM D5185m	880	944	928	944			
Sulfur	ppm	ASTM D5185m		2735	2577	2437			
CONTAMINAN	TS	method	limit/base	current	history1	history2			
Silicon	ppm	ASTM D5185m	>+100	7	10	10			
Sodium	ppm	ASTM D5185m		17	5	4			
Potassium	ppm	ASTM D5185m	>20	▲ 41	0	2			
INFRA-RED		method	limit/base	current	history1	history2			
Soot %	%	*ASTM D7844		0	0	0			
Nitration	Abs/cm	*ASTM D7624	>20	11.1	8.5	10.0			
Sulfation	Abs/.1mm	*ASTM D7415	>30	22.6	19.0	21.6			
FLUID DEGRAD	DATION	method	limit/base	current	history1	history2			
Oxidation	Abs/.1mm	*ASTM D7414	>25	19.6	16.7	18.0			
Base Number (BN)	mg KOH/g	ASTM D2896	6.1	4.6	7.0	6.7			
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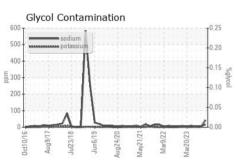


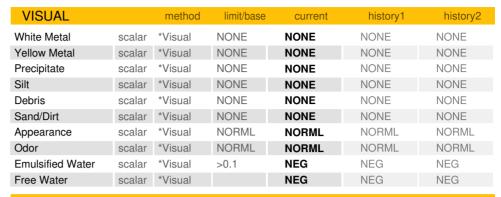
OIL ANALYSIS REPORT





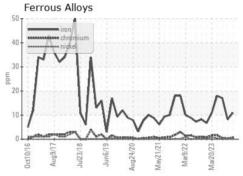


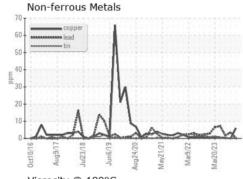


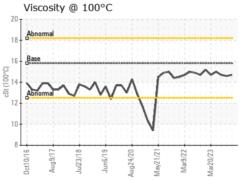


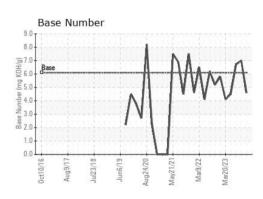
FLUID PROPE	RIIES	method	iimivbase	current	filstory i	nistoryz
Visc @ 100°C	cSt	ASTM D445	15.8	14.7	14.6	14.7

GRAPHS













Laboratory Sample No.

: GFL0127949 Lab Number : 06238788 Unique Number : 11127622

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received Tested

: 17 Jul 2024 : 19 Jul 2024 Diagnosed

: 19 Jul 2024 - Jonathan Hester

GFL Environmental - 001 - Raleigh(CNG) 3741 Conquest Drive Garner, NC US 27529

Test Package : FLEET (Additional Tests: Glycol) Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

 st - 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)

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Contact: Craig Johnson

craig.johnson@gflenv.com T: (919)662-7100