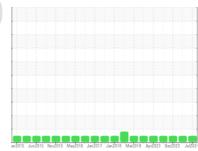


OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id
7913
Component
Natural Gas Engine
Fluid
DIESEL ENGINE OIL SAE 40 (24 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

Fluid Condition

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

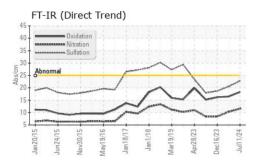
AE 40 (24 GAL) mizors Nevizors Nevizors Merizors Junzors Junzors Junzors Junzors Junzors Junzors Junzors Junzors						
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0119132	GFL0115487	GFL0106963
Sample Date		Client Info		11 Jul 2024	22 Mar 2024	16 Dec 2023
	nrs	Client Info		183782	24649	24160
	nrs	Client Info		183782	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
ron p	opm	ASTM D5185m	>50	17	20	3
Chromium	opm	ASTM D5185m	>4	<1	0	<1
Nickel p	opm	ASTM D5185m	>2	<1	<1	0
Fitanium p	opm	ASTM D5185m		<1	0	0
Silver	opm	ASTM D5185m	>3	<1	0	0
Aluminum p	opm	ASTM D5185m	>9	4	2	1
_ead r	opm	ASTM D5185m	>30	2	<1	<1
Copper p	opm	ASTM D5185m	>35	2	<1	<1
	opm	ASTM D5185m	>4	<1	<1	0
	mgc	ASTM D5185m		<1	0	<1
	opm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron p	opm	ASTM D5185m	250	7	4	26
Barium p	opm	ASTM D5185m	10	<1	0	0
Molybdenum p	opm	ASTM D5185m	100	63	58	48
Manganese p	opm	ASTM D5185m		0	<1	0
Magnesium p	opm	ASTM D5185m	450	661	881	526
-	opm	ASTM D5185m	3000	1485	1060	1432
Phosphorus p	opm	ASTM D5185m	1150	749	1051	711
	opm	ASTM D5185m	1350	1058	1244	874
	opm	ASTM D5185m	4250	2431	3420	2309
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	opm	ASTM D5185m	>+100	4	3	3
	opm	ASTM D5185m	>216	26	17	4
Potassium p	opm	ASTM D5185m	>20	25	10	<1
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.5	1.5	0.1
Nitration /	Abs/cm	*ASTM D7624	>20	11.6	10.3	8.4
Sulfation A	Abs/.1mm	*ASTM D7415	>30	22.8	20.5	18.7
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Oxidation A	Abs/.1mm	*ASTM D7414	>25	18.3	16.5	16.2
Page Number (PNI)	na KOLI/a	ACTM DODGO	0.5	6.0	0 0	7 7

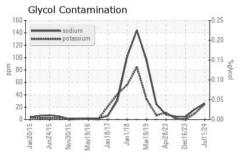
6.0

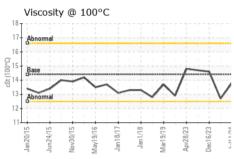
Base Number (BN) mg KOH/g ASTM D2896 8.5

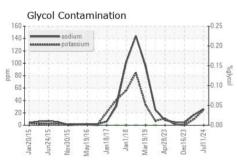


OIL ANALYSIS REPORT





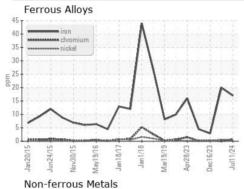


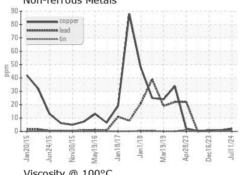


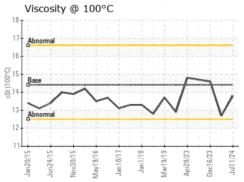
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

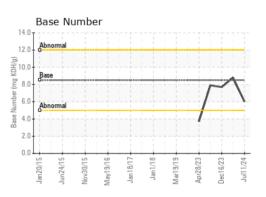
FLUID PROPE	ERTIES	method				history2
Visc @ 100°C	cSt	ASTM D445	14.4	13.8	12.7	14.6

GRAPHS













Laboratory Sample No.

Lab Number : 06235599 Unique Number : 11124433

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0119132

Received **Tested**

: 16 Jul 2024 Diagnosed : 16 Jul 2024 - Don Baldridge

: 15 Jul 2024

5002 SW 41st Blvd Gainesville, FL US 32608 Contact: ROBERT CLARK

GFL Environmental - 882 - Gainesville

Test Package : FLEET (Additional Tests: Glycol) Certificate 12367

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Report Id: GFL882 [WUSCAR] 06235599 (Generated: 07/16/2024 12:15:11) Rev: 1

Submitted By: CARL MIMS

robert.clark@gflenv.com

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F: