



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Glen & Jerry Fisheries Ltd.
Machine Id
Fishing Vessel MV Donald`s Legacy
Component
Transmission (Manual)
Fluid
SHELL ROTELLA T 50 (40 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

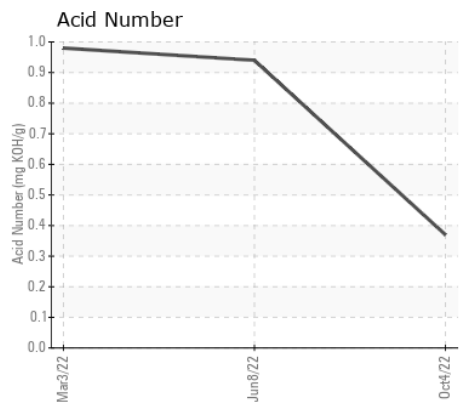
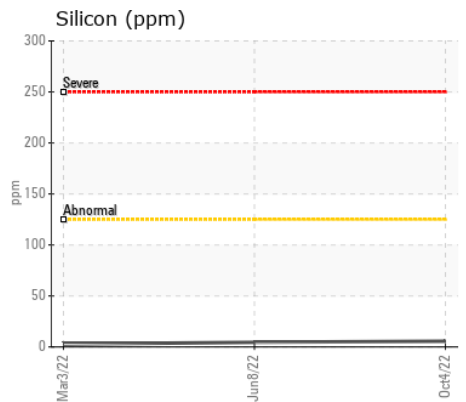
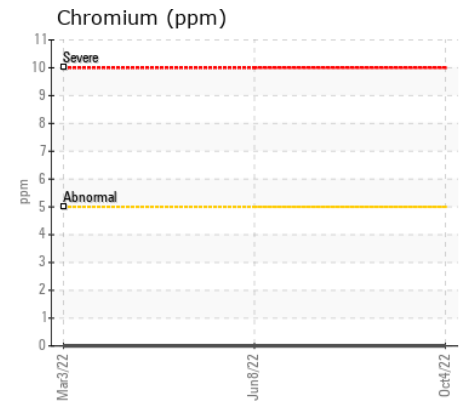
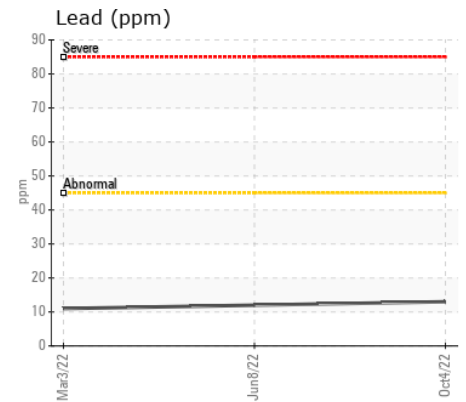
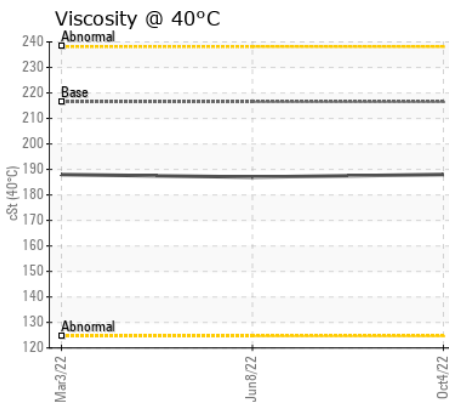
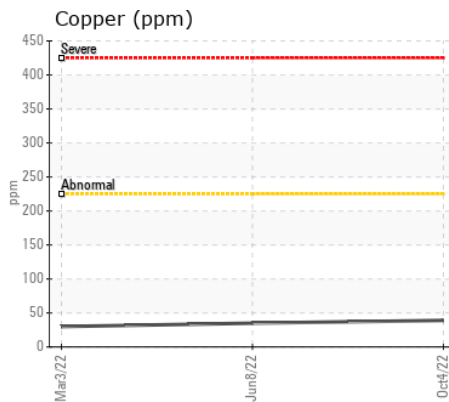
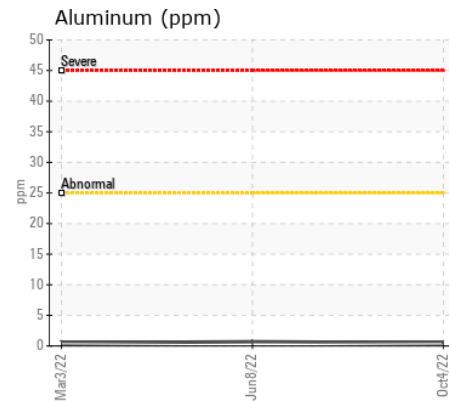
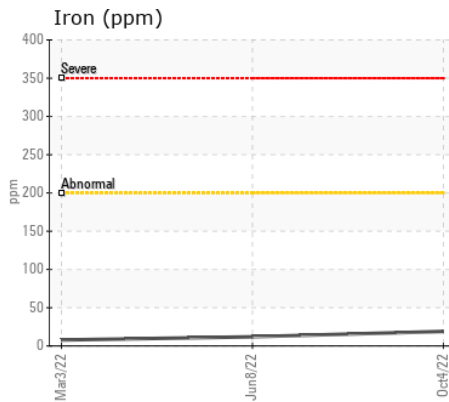
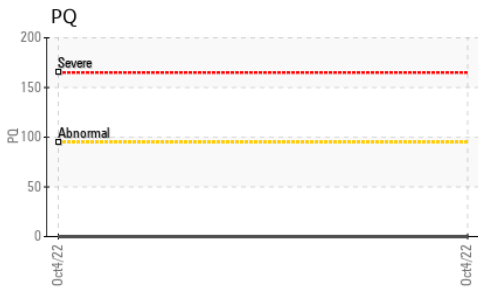
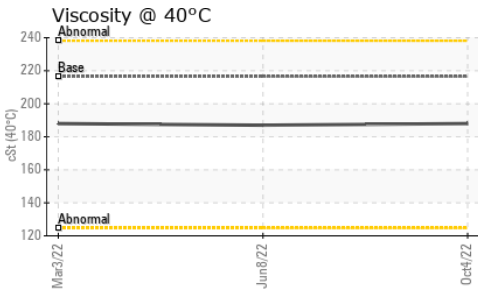
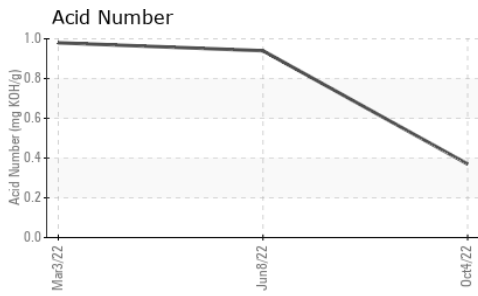
CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		OF0000364	OF0000365	OF0000389
Sample Date		Client Info		04 Oct 2022	08 Jun 2022	03 Mar 2022
Machine Age	hrs	Client Info		18392	16971	16971
Oil Age	hrs	Client Info		1984	1833	500
Filter Age	hrs	Client Info		1334	400	500
Oil Changed		Client Info		Changed	Not Changd	Changed
Filter Changed		Client Info		Changed	Not Changd	Changed
Sample Status				NORMAL	NORMAL	NORMAL
PQ		ASTM D8184*	>95	0	---	---
Iron	ppm	ASTM D5185(m)	>200	19	12	8
Chromium	ppm	ASTM D5185(m)	>5	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>7	0	0	0
Aluminum	ppm	ASTM D5185(m)	>25	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>45	13	12	11
Copper	ppm	ASTM D5185(m)	>225	39	35	30
Tin	ppm	ASTM D5185(m)	>10	0	<1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>125	6	5	3
Potassium	ppm	ASTM D5185(m)	>20	0	1	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	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
Sodium	ppm	ASTM D5185(m)		<1	<1	3
Boron	ppm	ASTM D5185(m)	0	56	56	64
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)	.2	<1	<1	<1
Manganese	ppm	ASTM D5185(m)		<1	<1	0
Magnesium	ppm	ASTM D5185(m)	385	85	84	88
Calcium	ppm	ASTM D5185(m)	1028	2258	2235	2207
Phosphorus	ppm	ASTM D5185(m)	883	711	646	701
Zinc	ppm	ASTM D5185(m)	802	701	716	726
Sulfur	ppm	ASTM D5185(m)		6415	6577	6472
Acid Number (AN)	mg KOH/g	ASTM D974*		0.37	0.94	0.98
Visc @ 40°C	cSt	ASTM D7279(m)	216.5	188	187	188



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : OF0000364 **Received** : 25 Oct 2022
Lab Number : 02518442 **Tested** : 26 Oct 2022
Unique Number : 5475422 **Diagnosed** : 26 Oct 2022 - Kevin Marson
Test Package : MOB 2 (Additional Tests: PQ)

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

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