



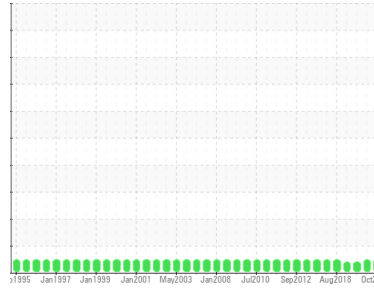
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
72 MACHINE ROOM
 Machine Id
Couch Roll Helper Drive (Hansen) (S/N 725219)
 Component
Reduction Gear
 Fluid
MOBIL SHC 629 (45 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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC	WC0789949	WC
Sample Date	Client Info		03 Oct 2023	23 Mar 2023	28 Feb 2023
Machine Age	hrs Client Info		0	0	0
Oil Age	hrs Client Info		0	0	0
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			NORMAL	NORMAL	ABNORMAL

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		0	0	3
Iron	ppm ASTM D5185(m)	>150	20	12	19
Chromium	ppm ASTM D5185(m)	>10	0	0	0
Nickel	ppm ASTM D5185(m)	>10	<1	<1	0
Titanium	ppm ASTM D5185(m)		0	0	0
Silver	ppm ASTM D5185(m)		<1	0	0
Aluminum	ppm ASTM D5185(m)	>25	<1	<1	<1
Lead	ppm ASTM D5185(m)	>100	<1	0	4
Copper	ppm ASTM D5185(m)	>50	<1	0	<1
Tin	ppm ASTM D5185(m)	>10	0	0	0
Antimony	ppm ASTM D5185(m)	>5	0	0	<1
Vanadium	ppm ASTM D5185(m)		0	0	0
Beryllium	ppm ASTM D5185(m)		0	0	0
Cadmium	ppm ASTM D5185(m)		0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)		<1	<1	24
Barium	ppm ASTM D5185(m)		<1	0	<1
Molybdenum	ppm ASTM D5185(m)		0	0	0
Manganese	ppm ASTM D5185(m)		0	<1	<1
Magnesium	ppm ASTM D5185(m)		0	<1	<1
Calcium	ppm ASTM D5185(m)		<1	0	0
Phosphorus	ppm ASTM D5185(m)		457	490	345
Zinc	ppm ASTM D5185(m)		<1	1	2
Sulfur	ppm ASTM D5185(m)		206	158	14490
Lithium	ppm ASTM D5185(m)		<1	<1	<1

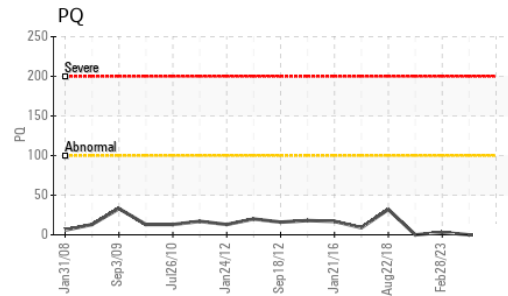
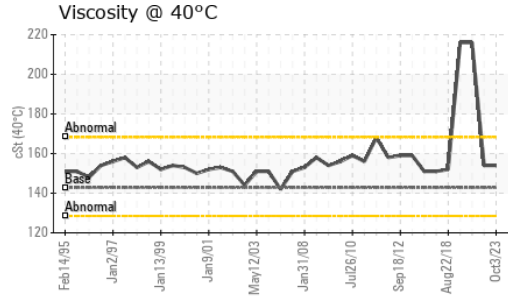
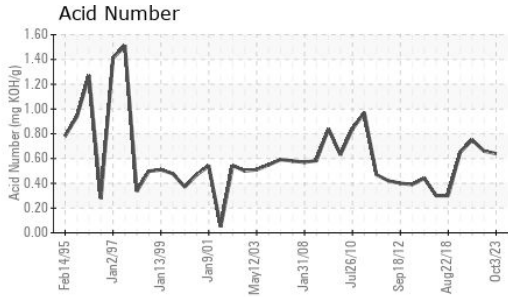
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	>50	25	22	1
Sodium	ppm ASTM D5185(m)		<1	<1	0
Potassium	ppm ASTM D5185(m)	>20	0	<1	3

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D974*		0.64	0.66	0.75

OIL ANALYSIS REPORT

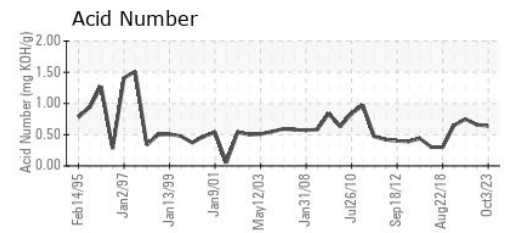
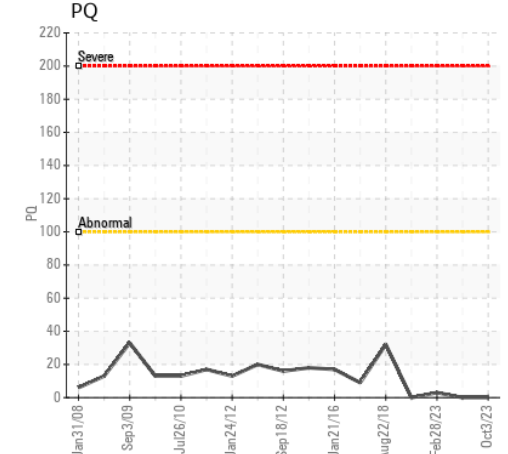
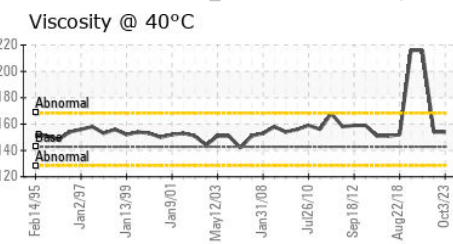
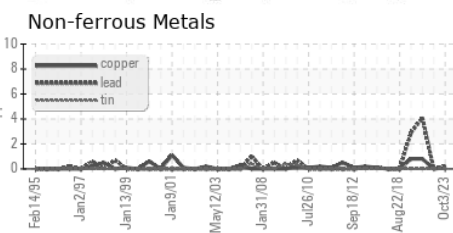
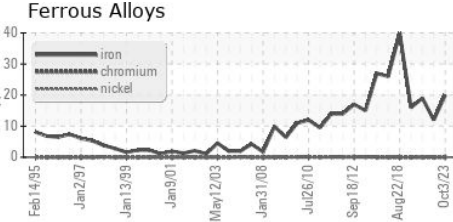


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	VLITE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	142.8	154	▲ 216

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC
Lab Number : 02588028
Unique Number : 5657094
Test Package : IND 2 (Additional Tests: TAN Man)
Received : 10 Oct 2023
Diagnosed : 10 Oct 2023
Diagnostician : Wes Davis

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 NACKAWIC, NB
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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.