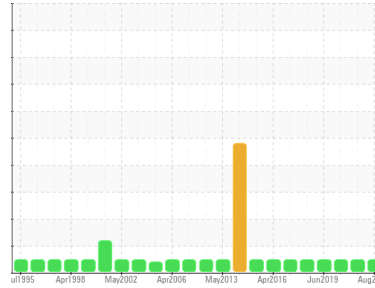




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
[WC107013]
 Machine Id
HANSEN 039484 (S/N FRONT SIDE RIDE)
 Component
Gearbox
 Fluid
MOBIL MOBILUBE HD 80W90 (60 LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. There is no indication of any contamination in the oil.

Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC107013	WC0577055	WC0577046
Sample Date	Client Info		08 Aug 2023	10 May 2022	19 Apr 2021
Machine Age	hrs	Client Info	37500	36500	35500
Oil Age	hrs	Client Info	3500	2500	1500
Oil Changed	Client Info		Not Chngd	N/A	Not Chngd
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>200	13	5	5
Chromium	ppm	ASTM D5185(m)	>15	<1	0	0
Nickel	ppm	ASTM D5185(m)	>15	0	0	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	<1
Aluminum	ppm	ASTM D5185(m)	>25	<1	0	<1
Lead	ppm	ASTM D5185(m)	>100	5	5	1
Copper	ppm	ASTM D5185(m)	>200	7	6	2
Tin	ppm	ASTM D5185(m)	>25	0	0	0
Antimony	ppm	ASTM D5185(m)	>5	7	4	<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)		187	127	180
Barium	ppm	ASTM D5185(m)		362	282	61
Molybdenum	ppm	ASTM D5185(m)		1	<1	<1
Manganese	ppm	ASTM D5185(m)		<1	<1	<1
Magnesium	ppm	ASTM D5185(m)		2	<1	<1
Calcium	ppm	ASTM D5185(m)		36	18	7
Phosphorus	ppm	ASTM D5185(m)		1148	985	970
Zinc	ppm	ASTM D5185(m)		11	8	4
Sulfur	ppm	ASTM D5185(m)		25444	23808	23614
Lithium	ppm	ASTM D5185(m)		2	2	<1

CONTAMINANTS

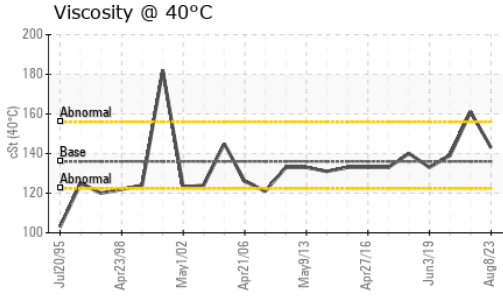
	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>50	9	5	6
Sodium	ppm	ASTM D5185(m)		<1	0	<1
Potassium	ppm	ASTM D5185(m)	>20	<1	1	<1

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	VLITE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	VLITE
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*	>0.2	NEG	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG	NEG



OIL ANALYSIS REPORT

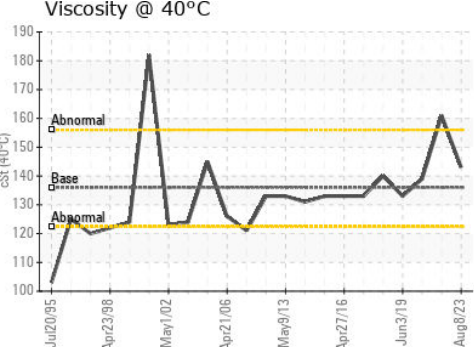
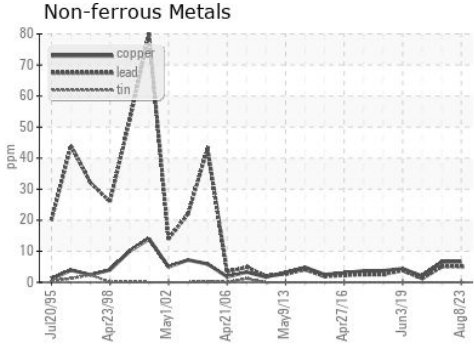
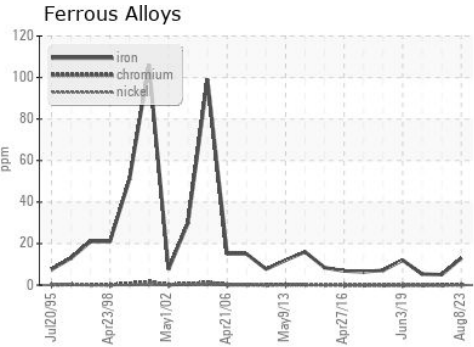


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	136	143	161	139

SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color			
Bottom			

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC107013 **Received** : 09 Aug 2023
Lab Number : **02574966** **Diagnosed** : 09 Aug 2023
Unique Number : 5620017 **Diagnostician** : Wes Davis
Test Package : IND 1

Hockley Valley Resort
 793522, 3rd Line EHS
 Mono, ON
 CA L9W 5X7
 Contact: Dave Oliver
 doliver@hockley.com
 T: (519)940-7232
 F: (519)942-8033

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.