

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id

64497928 SUNDANCE CONVEYOR

Lower Gear Unit

MOBIL MOBILUBE HD 80W90 (--- 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 condition of the oil is acceptable for the time in service.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0922011	WC0800976	
Sample Date		Client Info		01 Apr 2024	28 Mar 2023	
Machine Age		Client Info		15199	13868	
Oil Age		Client Info		1239	1242	
Oil Changed		Client Info		N/A	N/A	
Sample Status				NORMAL	NORMAL	
CONTAMINATION	١	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	7	9	
Chromium	ppm	ASTM D5185(m)	>15	0	0	
Nickel	ppm	ASTM D5185(m)	>15	0	<1	
Titanium	ppm	ASTM D5185(m)		0	0	
Silver	ppm	ASTM D5185(m)		0	0	
Aluminum	ppm	ASTM D5185(m)	>25	0	0	
Lead	ppm	ASTM D5185(m)	>100	0	0	
Copper	ppm	ASTM D5185(m)	>200	<1	0	
Tin	ppm	ASTM D5185(m)	>25	0	0	
Antimony	ppm	ASTM D5185(m)	>5	0	<1	
Vanadium	ppm	ASTM D5185(m)		0	0	
Beryllium	ppm	ASTM D5185(m)		0	0	
Cadmium	ppm	ASTM D5185(m)		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		257	257	
Barium	ppm	ASTM D5185(m)		0	0	
Molybdenum	ppm	ASTM D5185(m)		0	0	
Manganese	ppm	ASTM D5185(m)		0	<1	
Magnesium	ppm	ASTM D5185(m)		1	<1	
Calcium	ppm	ASTM D5185(m)		2	0	
Phosphorus	ppm	ASTM D5185(m)		978	1067	
Zinc	ppm	ASTM D5185(m)		6	7	
Sulfur	ppm	ASTM D5185(m)		17503	18244	
Lithium	ppm	ASTM D5185(m)		<1	<1	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	6	1	
Sodium	ppm	ASTM D5185(m)		<1	<1	
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	



OIL ANALYSIS REPORT

	scosity @	40°C				
160 155	normal					
150 -						
() 145 € 140 5 135 - Ba						
ぢ ₁₃₅ - Ba	se		 	 	 	
130-						÷
125 - Ab	normal		 	 	 	
120			 	 	 	24 -
Mar28/23						Apr1/24
Mar						Ap

		method	limit/base	current	history1	history
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	VLITE	NONE	
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	
Appearance	scalar	Visual*	NORML	NORML	NORML	
Odor	scalar	Visual*	NORML	NORML	NORML	
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	
Free Water	scalar	Visual*		NEG	NEG	
FLUID PROPERT	IES	method	limit/base	current	history1	history
Visc @ 40°C	cSt	ASTM D7279(m)	136	138	135	
SAMPLE IMAGES	6	method	limit/base	current	history1	history
					6 2	
Color						no image
				ie J		
Bottom						no image
GRAPHS						
Iron (ppm)				Lead (ppm)		
Severe			300-	Severe		
0 + Abnormal			툴 ²⁰⁰	Abnormal		
0			0.			
Mar28/23			Apr1/24	Mar28/23		
≥ Aluminum (ppm)				≥ Chromium (p	pm)	
Ю _Т ;			60·	Severe		
0 + Gevere			툍 ⁴⁰			
0 Abnormal				Abnormal		
			- 0.			
Abnormal 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				Abnomal 2007 2007 2007 2007 2007 2007 2007 200		
Copper (ppm)			•0			
Copper (ppm)			0·	Mar28/23		
Copper (ppm)			1500 BE 100-	Silicon (ppm)		
Copper (ppm)			0·	Silicon (ppm)		
Copper (ppm)			+2/ludy 0.	Silicon (ppm)		
Copper (ppm)			0. 1500- 1500- 100- dd 50.	Silicon (ppm)		
Copper (ppm)			4pt/1/24 4pt/1/	Silicon (ppm)		
Copper (ppm)				Silicon (ppm)		
Copper (ppm)			+2/ludy +2/ludy +2/ludy 0. +2/ludy 1500- 1500- 1500- 1500- 1500-	Silicon (ppm)		
Copper (ppm)			42/lndv 42/lndv 42/lndv 42/lndv 1200- mdd 500- 500- 0-	Silicon (ppm) Silicon (ppm)		
Copper (ppm)				Silicon (ppm) Severe Abnormal Additives		



Accredited Laboratory Test Package : MOB 1 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.

Tested

Diagnosed

: 04 Apr 2024

: 04 Apr 2024 - Wes Davis

Coldwater, ON CA LOK 1E0 Contact: Andre Huter a.huter@mslm.on.ca T: (705)835-2112 F: (705)835-5967

Report Id: MOUCOL [WCAMIS] 02626783 (Generated: 05/03/2024 11:01:46) Rev: 1

CALA

ISO 17025:2017

Laboratory

Sample No.

Lab Number : 02626783

Unique Number : 5759915

Contact/Location: Andre Huter - MOUCOL Page 2 of 2