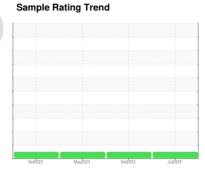


OIL ANALYSIS REPORT



CONSTRUCTORS, INC 13-1716 Component Right Conveyor

MOBIL MOBILUBE HD 85W140 (--- GAL)





Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

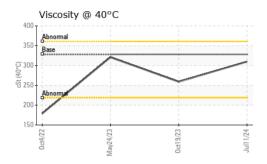
Fluid Condition

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

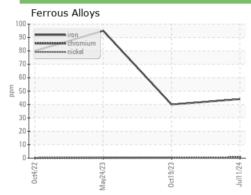
Sample Number	SAMPLE INFORM	IATION	method	limit/base	Clurront.	history1	history2
Sample Date		IATION			current	•	
Machine Age							
Oil Age hrs Client Info 533 495 598 Oil Changed Client Info N/A N/A N/A Changed Sample Status Client Info N/A N/A N/A Changed Sample Status Client Info N/A N/A N/A Changed Water WC Method John Med NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m 150 44 40 95 Chromium ppm ASTM D5185m >10 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <td>•</td> <td></td> <td></td> <td></td> <th></th> <td></td> <td>,</td>	•						,
Oil Changed Sample Status Client Info N/A N/A N/A Changed NORMAL NORMAL </td <td></td> <td></td> <td></td> <td></td> <th></th> <td></td> <td></td>							
NORMAL NORMAL NORMAL NORMAL CONTAMINATION method fimit/base current history1 history2 history2	•	hrs					
CONTAMINATION method limit/base current history1 history2 Water WC Method >0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >150 44 40 95 Chromium ppm ASTM D5185m >10 <1	-		Client Info				Ü
Water WC Method >0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >10 <1 <1 <1 Chromium ppm ASTM D5185m >10 <1 <1 <1 Nickel ppm ASTM D5185m >10 0 <1 0 Silver ppm ASTM D5185m 0 0 <1 0 Silver ppm ASTM D5185m >00 0 <1 0 Aluminum ppm ASTM D5185m >200 0 <1 <1 Lead ppm ASTM D5185m >100 0 <1 <1 <1 Copper ppm ASTM D5185m >10 0 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 0 0 ADDITIVES method limit/base cur	Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS	CONTAMINATION	١	method	limit/base	current	history1	history2
Iron	Water		WC Method	>0.1	NEG	NEG	NEG
Chromium ppm ASTM D5185m >10 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <td>WEAR METALS</td> <td></td> <td>method</td> <td>limit/base</td> <th>current</th> <td>history1</td> <td>history2</td>	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>150	44	40	95
Titanium ppm ASTM D5185m 0 <1 0 Silver ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m >25 3 2 0 Lead ppm ASTM D5185m >100 0 <1	Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
Silver	Nickel	ppm	ASTM D5185m	>10	0	<1	0
Aluminum	Titanium	ppm	ASTM D5185m		0	<1	0
Lead	Silver	ppm	ASTM D5185m		0	0	0
Copper ppm ASTM D5185m >50 0 <1 <1 Tin ppm ASTM D5185m >10 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 9 0 Barium ppm ASTM D5185m 0 9 0 Molybdenum ppm ASTM D5185m 0 0 -1 1 Magnesium ppm ASTM D5185m 0 0 -1 1 -1 1 -1 1 -1 1 -1 1 -1 1 -1 1 -1 1 -1 1 -1 1 -1 1 -1 1 -1 1 -1 1 -1 1	Aluminum	ppm	ASTM D5185m	>25	3	2	0
Tin ppm ASTM D5185m >10 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 <1 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 202 207 266 Barium ppm ASTM D5185m 0 9 0 Molybdenum ppm ASTM D5185m 0 0 <1 Magnese ppm ASTM D5185m 0 0 <1 1 Magnesium ppm ASTM D5185m 2 8 42 2 Phosphorus ppm ASTM D5185m 943 868 1011 1 Zinc ppm ASTM D5185m 943 868 1011 1 Zinc ppm ASTM D5185m 2 2 8 4 11 Sulfur	Lead	ppm	ASTM D5185m	>100	0	<1	0
Vanadium ppm ASTM D5185m 0 0 0 Cadmium ppm ASTM D5185m 0 <1 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 202 207 266 Barium ppm ASTM D5185m 0 9 0 Molybdenum ppm ASTM D5185m 3 2 5 Manganese ppm ASTM D5185m 0 0 <1 1 Magnesium ppm ASTM D5185m 2 8 42 Phosphorus ppm ASTM D5185m 2 8 42 Phosphorus ppm ASTM D5185m 943 868 1011 Zinc ppm ASTM D5185m 943 868 1011 Zinc ppm ASTM D5185m 26125 20064 20922 CONTAMINANTS method limit/base current history1	Copper	ppm	ASTM D5185m	>50	0	<1	<1
Cadmium ppm ASTM D5185m 0 <1 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 202 207 266 Barium ppm ASTM D5185m 0 9 0 Molybdenum ppm ASTM D5185m 3 2 5 Manganese ppm ASTM D5185m 0 0 <1	Tin	ppm	ASTM D5185m	>10	0	0	0
ADDITIVES	Vanadium	ppm	ASTM D5185m		0	0	0
Boron	Cadmium	ppm	ASTM D5185m		0	<1	0
Barium ppm ASTM D5185m 0 9 0 Molybdenum ppm ASTM D5185m 3 2 5 Manganese ppm ASTM D5185m 0 0 <1 Magnesium ppm ASTM D5185m 1 <1 1 Calcium ppm ASTM D5185m 2 8 42 Phosphorus ppm ASTM D5185m 943 868 1011 Zinc ppm ASTM D5185m 26125 20064 20922 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 3 4 6	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 3 2 5 Manganese ppm ASTM D5185m 0 0 <1 Magnesium ppm ASTM D5185m 1 <1 1 Calcium ppm ASTM D5185m 2 8 42 Phosphorus ppm ASTM D5185m 943 868 1011 Zinc ppm ASTM D5185m 943 868 1011 Zinc ppm ASTM D5185m 26125 20064 20922 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 3 4 6 Sodium ppm ASTM D5185m >50 3 4 6 Sodium ppm ASTM D5185m >20 <1 1 1 VISUAL method limit/base current history1 history2 White Metal scalar *Visual	Boron	ppm	ASTM D5185m		202	207	266
Manganese ppm ASTM D5185m 0 0 <1 Magnesium ppm ASTM D5185m 1 <1	Barium	ppm	ASTM D5185m		0	9	0
Magnesium ppm ASTM D5185m 1 <1 1 Calcium ppm ASTM D5185m 2 8 42 Phosphorus ppm ASTM D5185m 943 868 1011 Zinc ppm ASTM D5185m 943 868 1011 Zinc ppm ASTM D5185m 943 868 1011 Zinc ppm ASTM D5185m 943 868 1011 Sulfur ppm ASTM D5185m 26125 20064 20922 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 3 4 6 Sodium ppm ASTM D5185m >20 <1 1 1 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NONE Yellow Metal scalar	Molybdenum	ppm	ASTM D5185m		3	2	5
Calcium ppm ASTM D5185m 2 8 42 Phosphorus ppm ASTM D5185m 943 868 1011 Zinc ppm ASTM D5185m 8 4 11 Sulfur ppm ASTM D5185m 26125 20064 20922 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 3 4 6 Sodium ppm ASTM D5185m >50 3 4 6 Sodium ppm ASTM D5185m >20 <1	Manganese	ppm	ASTM D5185m		0	0	<1
Phosphorus ppm ASTM D5185m 943 868 1011 Zinc ppm ASTM D5185m 8 4 11 Sulfur ppm ASTM D5185m 26125 20064 20922 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 3 4 6 Sodium ppm ASTM D5185m >20 <1	Magnesium	ppm	ASTM D5185m		1	<1	1
Zinc ppm ASTM D5185m 8 4 11 Sulfur ppm ASTM D5185m 26125 20064 20922 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 3 4 6 Sodium ppm ASTM D5185m >0 0 0 0 Potassium ppm ASTM D5185m >20 <1 1 1 VISUAL method limit/base current history1 history2 VISUAL MONE NONE NONE NONE NONE Vellow 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	Calcium	ppm	ASTM D5185m		2	8	42
Zinc ppm ASTM D5185m 8 4 11 Sulfur ppm ASTM D5185m 26125 20064 20922 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 3 4 6 Sodium ppm ASTM D5185m >50 3 4 6 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NONE <t< td=""><td>Phosphorus</td><td>ppm</td><td>ASTM D5185m</td><td></td><th>943</th><td>868</td><td>1011</td></t<>	Phosphorus	ppm	ASTM D5185m		943	868	1011
Sulfur ppm ASTM D5185m 26125 20064 20922 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 3 4 6 Sodium ppm ASTM D5185m 0 0 0 0 Potassium ppm ASTM D5185m >20 <1		• •	ASTM D5185m		8	4	11
Silicon ppm ASTM D5185m >50 3 4 6 Sodium ppm ASTM D5185m 0 0 0 0 Potassium ppm ASTM D5185m >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 NONE Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE NONE Sand/Dirt scalar *Visual NORM NORML	Sulfur		ASTM D5185m		26125	20064	20922
Sodium ppm ASTM D5185m 0 0 0 0 Potassium ppm ASTM D5185m >20 <1 1 1 1 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE Debris scalar *Visual NONE 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 Free Water scalar *Visual NEG NEG	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 <1 1 1 1 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE Debris scalar *Visual NONE 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 Free Water scalar *Visual NEG NEG	Silicon	ppm	ASTM D5185m	>50	3	4	6
White Metal scalar *Visual NONE 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 NONE Debris scalar *Visual NONE NONE NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE NONE Appearance 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 Free Water scalar *Visual NEG NEG	Sodium	ppm	ASTM D5185m		0	0	0
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 NONE Debris scalar *Visual NONE 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 Free Water Scalar *Visual NEG NEG	Potassium	ppm	ASTM D5185m	>20	<1	1	1
Yellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGFree Waterscalar*VisualNEGNEGNEG	VISUAL		method	limit/base	current	history1	history2
Precipitate scalar *Visual NONE NONE NONE NONE NONE 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 Free Water scalar *Visual NEG NEG	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silt scalar *Visual NONE 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 Free Water scalar *Visual NEG NEG NEG	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
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 Free Water scalar *Visual NEG NEG NEG	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Debrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGFree Waterscalar*VisualNEGNEGNEG		scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGFree Waterscalar*VisualNEGNEGNEG	Debris	scalar	*Visual	NONE		NONE	NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGFree Waterscalar*VisualNEGNEGNEG	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Odor scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG NEG Free Water scalar *Visual NEG NEG NEG		scalar	*Visual		NORML		
Emulsified Waterscalar*Visual>0.1NEGNEGNEGFree Waterscalar*VisualNEGNEGNEG	• •					NORML	
Free Water scalar *Visual NEG NEG NEG							
							: Loren Michae

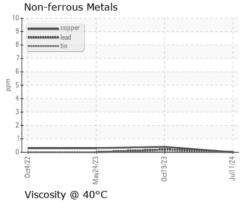


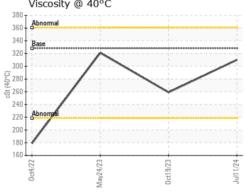
OIL ANALYSIS REPORT













Certificate 12367

Laboratory Sample No. Lab Number : 06237138 Unique Number : 11125972

: SBP0007093

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 15 Jul 2024 Tested : 17 Jul 2024

Diagnosed : 17 Jul 2024 - Don Baldridge

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Contact: Loren Michael LorenM@constructorslincoln.com

T: (402)434-2157

6500 N 70TH ST

LINCOLN, NE US 68507

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Report Id: CONLINNE [WUSCAR] 06237138 (Generated: 07/17/2024 16:03:53) Rev: 1

Constructors Inc. - 603659