

PROBLEM SUMMARY

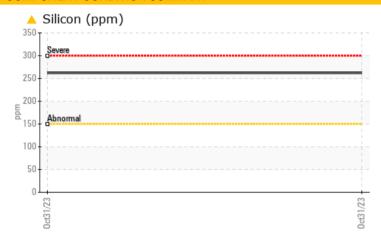
CHEESE DEPT Machine Id VT09AG01-SEC-GREASE

Component **Grease**

MOBIL MOBILITH SHC 007 (2 GAL)

Sample Rating Trend DIRT October 1997 Oct

COMPONENT CONDITION SUMMARY



RECOMMENDATION

No corrective action is recommended at this time. Please submit a sample of the new (unused) oil to establish a baseline.

PROBLEMATIC TEST RESULTS								
Sample Status				ABNORMAL				
Silicon	ppm	ASTM D5185m	>150	^ 262				

Customer Id: LEPGRE
Sample No.: WC0874208
Lab Number: 06000181
Test Package: IND 1

To manage this report scan the QR code

To discuss the diagnosis or test data:
Doug Bogart +1 (800)237-1369 x4016
dougb@wearcheckusa.com

To change component or sample information:
Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS						
Action	Status	Date	Done By	Description		
Resample			?	Please submit a sample of the new (unused) oil to establish a baseline.		

HISTORICAL DIAGNOSIS



GREASE ANALYSIS

CHEESE DEPT Machine Id VT09AG01-SEC-GREASE

Component

Grease

MOBIL MOBILITH SHC 007 (2 GAL)

Sample Rating Trend DIRT Direction of the control of the control

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Please submit a sample of the new (unused) oil to establish a baseline.

Wear

All component wear rates are normal.

Grease Condition

Confirm grease type.

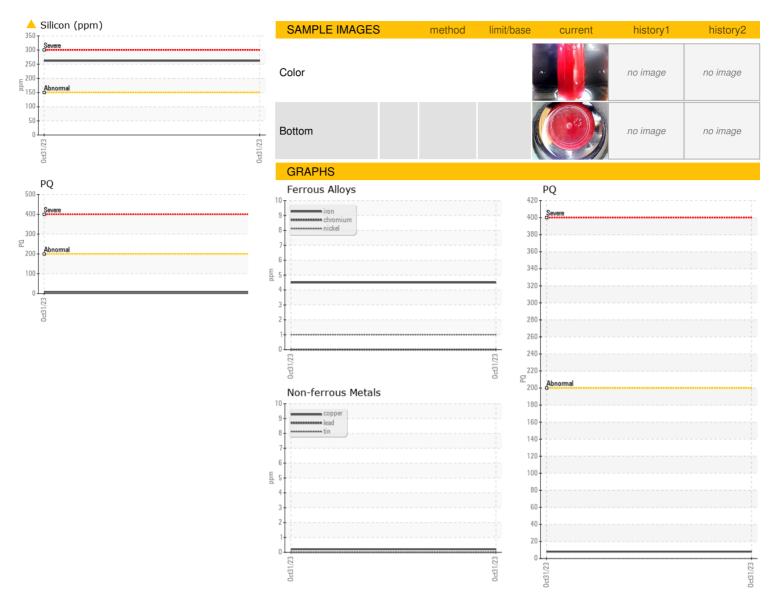
▲ Contaminants

Elemental level of silicon (Si) above normal.

Sample Number Client Info WC0874208 Sample Date Client Info 31 Oct 2023 Machine Age hrs Client Info 0 Grease Age hrs Client Info N/A Grease Serviced Client Info N/A Sample Status ABNORMAL CONTAMINATION method limit/base current history1 history2 Water WC Method >0.1 NEG WEAR METALS method limit/base current history1 history2 PQ ASTM D5185m >200 8 Iron ppm ASTM D5185m >250 4 Nickel ppm ASTM D5185m 10 Cadmium ppm ASTM D5185m 0 <t< th=""><th>SAMPLE INFORMA</th><th>ATION</th><th>method</th><th>limit/base</th><th>current</th><th>history1</th><th>history2</th></t<>	SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Sample Date Client Info 31 Oct 2023 Machine Age hrs Client Info 0 Grease Serviced Client Info 0 Grease Serviced Sample Status Client Info N/A CONTAMINATION method limit/base current history1 history2 Water WC Method >0.1 NEG WEAR METALS method limit/base current history1 history2 PQ ASTM D8184 >200 8 Iron ppm ASTM D8185m >10 0 Nickel ppm ASTM D8185m >5 1 Cadmium ppm ASTM D8185m 0 Vanadium ppm ASTM D8185m 0 Vanadium ppm ASTM D8185m >75 <1							,
Machine Age hrs Client Info 0							
Grease Age hrs Client Info N/A	·	hrs					
Grease Serviced Sample Status Client Info N/A			Client Info		0		
Sample Status	•				N/A		
WEAR METALS method limit/base current history1 history2 PQ ASTM D8184 ≥200 8 Iron ppm ASTM D5185m >250 4 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m 5 1 Cadmium ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m >25 0 Lead ppm ASTM D5185m >5 0 Copper ppm ASTM D5185m >5 0 Tin ppm ASTM D5185m >5 1 Silver					ABNORMAL		
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Iron						,	
Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >5 1 Cadmium ppm ASTM D5185m 0 Titanium ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m 25 0 Lead ppm ASTM D5185m >5 0 Copper ppm ASTM D5185m >5 0 Tin ppm ASTM D5185m >5 0 Silver ppm ASTM D5185m >5 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 1 215 Magnesium ppm ASTM D5185m 0 <1 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
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Cadmium ppm ASTM D5185m 0 Titanium ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m 0 Lead ppm ASTM D5185m >75 <1							
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Copper ppm ASTM D5185m >75 <1 Tin ppm ASTM D5185m >5 0 Silver ppm ASTM D5185m >5 <1		ppm					
Tin ppm ASTM D5185m >5 0 Silver ppm ASTM D5185m >5 <1 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 1 215 Magnesium ppm ASTM D5185m 0 <1 Manganese ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 4 <1 Phosphorus ppm ASTM D5185m 180 1651 Zinc ppm ASTM D5185m 140 2527 THICKENER/SOAP method limit/base current history1 history2 Aluminum ppm ASTM D5185m 0 <1 Barium ppm ASTM D5185m 12	Lead	ppm			-		
Silver ppm ASTM D5185m >5 <1 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 1 215 Magnesium ppm ASTM D5185m 0 <1	Copper	ppm	ASTM D5185m	>75			
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Boron ppm ASTM D5185m 1 215 Magnesium ppm ASTM D5185m 0 <1 Manganese ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 4 <1 Phosphorus ppm ASTM D5185m 180 1651 Zinc ppm ASTM D5185m 140 2527 THICKENER/SOAP method limit/base current history1 history2 Aluminum ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 <1 Calcium ppm ASTM D5185m 12 16 Sodium ppm ASTM D5185m 1142 Sulfur ppm ASTM D5185m >150 2	Silver	ppm	ASTM D5185m	>5	<1		
Magnesium ppm ASTM D5185m 0 <1	ADDITIVES		method	limit/base	current	history1	history2
Manganese ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 4 <1 Phosphorus ppm ASTM D5185m 180 1651 Zinc ppm ASTM D5185m 140 2527 THICKENER/SOAP method limit/base current history1 history2 Aluminum ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 <1	Boron	ppm	ASTM D5185m	1	215		
Molybdenum ppm ASTM D5185m 4 <1 Phosphorus ppm ASTM D5185m 180 1651 Zinc ppm ASTM D5185m 140 2527 THICKENER/SOAP method limit/base current history1 history2 Aluminum ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 <1	Magnesium	ppm	ASTM D5185m	0	<1		
Phosphorus ppm ASTM D5185m 180 1651 Zinc ppm ASTM D5185m 140 2527 THICKENER/SOAP method limit/base current history1 history2 Aluminum ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 <1	Manganese	ppm	ASTM D5185m	0	0		
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THICKENER/SOAP method limit/base current history1 history2 Aluminum ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 <1	Phosphorus	ppm	ASTM D5185m	180	1651		
Aluminum ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 <1 Calcium ppm ASTM D5185m 3 2 Sodium ppm ASTM D5185m 12 16 Lithium ppm ASTM D5185m 50 6299 Sulfur ppm ASTM D5185m 5150 262 Silicon ppm ASTM D5185m >150 262	Zinc	ppm	ASTM D5185m	140	2527		
Barium ppm ASTM D5185m 0 <1 Calcium ppm ASTM D5185m 3 2 Sodium ppm ASTM D5185m 12 16 Lithium ppm ASTM D5185m 1142 Sulfur ppm ASTM D5185m 650 6299 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >150 262	THICKENER/SOAF)	method	limit/base	current	history1	history2
Calcium ppm ASTM D5185m 3 2 Sodium ppm ASTM D5185m 12 16 Lithium ppm ASTM D5185m 1142 Sulfur ppm ASTM D5185m 650 6299 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >150 262	Aluminum	ppm	ASTM D5185m	0	0		
Sodium ppm ASTM D5185m 12 16 Lithium ppm ASTM D5185m 1142 Sulfur ppm ASTM D5185m 650 6299 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >150 262	Barium	ppm	ASTM D5185m	0	<1		
Lithium ppm ASTM D5185m 1142 Sulfur ppm ASTM D5185m 650 6299 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >150 ▲ 262	Calcium	ppm	ASTM D5185m	3	2		
Sulfur ppm ASTM D5185m 650 6299 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >150 ▲ 262	Sodium	ppm	ASTM D5185m	12	16		
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >150 ▲ 262	Lithium	ppm	ASTM D5185m		1142		
Silicon ppm ASTM D5185m >150 ▲ 262	Sulfur	ppm	ASTM D5185m	650	6299		
	CONTAMINANTS		method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>150	262		
			ASTM D5185m		8		



GREASE ANALYSIS





Laboratory Sample No. Lab Number Unique Number : 10728541

: WC0874208 : 06000181

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 06 Nov 2023 Received Diagnosed

: 20 Nov 2023 Diagnostician : Doug Bogart Test Package : IND 1 (Additional Tests: PQ)

Contact: ERIC KLINE EKLINE@LEPRINOFOODS.COM

LEPRINO FOODS-GREELEY

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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