

GREASE ANALYSIS

Sample Rating Trend



Machine Id

074995 PROMENADE EXPRESS RETURN BULLWHEEL

Component Grease

MOBIL MOBILITH SHC SERIES 460 (--- GA

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Grease Condition

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

Contaminants

There is no indication of any contamination in the grease.

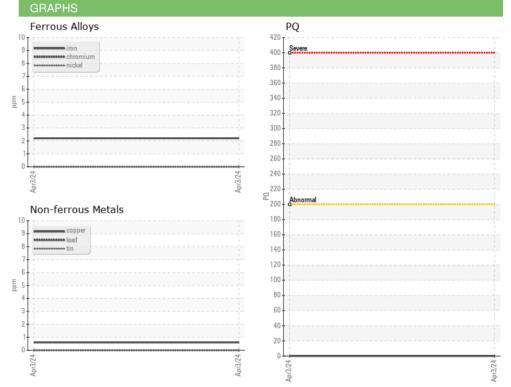
SAMPLE INFORMATION method limit/base current history1 history2	.)				Apr2024		
Cample Number Client Info WC0679938	SAMPLE INFOR	MATION	method	limit/base	current	history1	history?
Company Comp		VIATION		IIIIIII Dase			HISTOLYZ
Machine Age hrs Client Info 18465							
Carease Age	•				-		
Client Info N/A							
CONTAMINATION method limit/base current history1 history2	-	nrs			-		
Mater WC Method Solid NEG Solid N			Client Info				
Water WC Method >0.1 NEG WEAR METALS method limit/base current history1 history2 PQ ASTM D8184" >200 0 Chromium ppm ASTM D5185(m) >10 0 Chromium ppm ASTM D5185(m) >5 0 Cadedmium ppm ASTM D5185(m) 0 Cadedmium ppm ASTM D5185(m) 0 Vanadium ppm ASTM D5185(m) 0 Vanadium ppm ASTM D5185(m) >25 0 Vanadium ppm ASTM D5185(m) >5 0 District ppm ASTM D5185(m) 5 0 Boron ppm ASTM D5185(m) <1 Magnesium ppm					NORMAL		
WEAR METALS method limit/base current history1 history2 PQ ASTM D8184* >200 0 Chromium ppm ASTM D5185(m) >250 2 Chromium ppm ASTM D5185(m) >10 0 Nickel ppm ASTM D5185(m) 0 Cadmium ppm ASTM D5185(m) 0 Vanadium ppm ASTM D5185(m) 0 Vanadium ppm ASTM D5185(m) >25 0 Zead ppm ASTM D5185(m) >25 0 Zead ppm ASTM D5185(m) >5 0 Zead ppm ASTM D5185(m) >5 0 Silver ppm ASTM D5185(m) >5 0		N			current	history1	history2
ASTM D8184 > 200	Water		WC Method	>0.1	NEG		
Description	WEAR METALS		method	limit/base	current	history1	history2
Chromium	PQ		ASTM D8184*	>200	0		
ASTM D5185(m) D	ron	ppm	ASTM D5185(m)	>250	2		
Action A	Chromium	ppm	ASTM D5185(m)	>10	0		
Description	Nickel		ASTM D5185(m)	>5	0		
ASTM D5185(m) D	Cadmium		. ,		0		
Armadium	Titanium		. ,		0		
Deed	/anadium		. ,		0		
Copper	ead			>25			
Silver			, ,		-		
ADDITIVES			(/				
ADDITIVES			(/		-		
ASTM D5185(m) Continue		le le				history1	history2
Magnesium ppm ASTM D5185(m) <1		mag	ASTM D5185(m)		<1		
Manganese ppm ASTM D5185(m) 0 Molybdenum ppm ASTM D5185(m) 0 Phosphorus ppm ASTM D5185(m) 119 Zinc ppm ASTM D5185(m) 164 Zinc ppm ASTM D5185(m) 0 Antimony ppm ASTM D5185(m) 0 THICKENER/SOAP method limit/base current history1 history2 Aluminum ppm ASTM D5185(m) 13 Barium ppm ASTM D5185(m) 3 Calcium ppm ASTM D5185(m) 3 Sodium ppm ASTM D5185(m) 472 Sulfur ppm ASTM D5185(m) >150 1 CONTAMINANTS method limit/base curr	Magnesium		. ,		<1		
Molybdenum ppm ASTM D5185(m) 0 Phosphorus ppm ASTM D5185(m) 119 Zinc ppm ASTM D5185(m) 164 Antimony ppm ASTM D5185(m) 0 THICKENER/SOAP method limit/base current history1 history2 Aluminum ppm ASTM D5185(m) 0 Barium ppm ASTM D5185(m) 13 Calcium ppm ASTM D5185(m) 3 Soldium ppm ASTM D5185(m) 472 Sulfur ppm ASTM D5185(m) 723 CONTAMINANTS method limit/base current history1 history2 Grease Color Visual* Red Red Grease Color Visual* Red Red <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	•						
Phosphorus			. ,				
THICKENER/SOAP method limit/base current history1 history2	•		, ,		-		
Antimony ppm ASTM D5185(m) 0			. ,				
THICKENER/SOAP method limit/base current history1 history2			, ,				
Aluminum ppm ASTM D5185(m) 0					-		
Sarium		AP		limit/base		history1	history2
Calcium ppm ASTM D5185(m) 13 Sodium ppm ASTM D5185(m) 3 Lithium ppm ASTM D5185(m) 472 Sulfur ppm ASTM D5185(m) 723 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >150 1 Potassium ppm ASTM D5185(m) <1		ppm	. ,				
Sodium		ppm	(/				
ASTM D5185(m) AT2 Sulfur ppm ASTM D5185(m) 723 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >150 1 Potassium ppm ASTM D5185(m) <1 GREASE CONDITION method limit/base current history1 history2 Grease Color Visual* Red Red Exture In-house* Buttery			. ,				
Sulfur ppm ASTM D5185(m) 723 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >150 1 Potassium ppm ASTM D5185(m) <1		ppm	. ,				
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >150 1 Potassium ppm ASTM D5185(m) <1			. ,				
Silicon ppm ASTM D5185(m) >150 1	Sulfur	ppm	ASTM D5185(m)		723		
Potassium ppm ASTM D5185(m) <1 GREASE CONDITION method limit/base current history1 history2 Grease Color Visual* Red Texture In-house* Buttery		3	method	limit/base	current	history1	history2
GREASE CONDITION method limit/base current history1 history2 Grease Color Visual* Red Red Fexture In-house* Buttery	CONTAMINANTS						
Grease Color Visual* Red Red Texture In-house* Buttery		ppm	ASTM D5185(m)	>150	1		
Texture In-house* Buttery	Silicon		. ,	>150			
Texture In-house* Buttery	Silicon Potassium	ppm	ASTM D5185(m)		<1		
·	Silicon Potassium GREASE CONDI	ppm	ASTM D5185(m) method	limit/base	<1 current	history1	history2
	Silicon Potassium GREASE CONDI Grease Color	ppm	ASTM D5185(m) method Visual*	limit/base	<1 current Red	history1	history2



GREASE ANALYSIS











CALA ISO 17025:2017 Accredited Laboratory

Sample No.

Laboratory

: WC0679938 Lab Number : 02629409 Unique Number : 5762541

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 16 Apr 2024 **Tested** : 22 Apr 2024

Diagnosed : 22 Apr 2024 - Bill Quesnel Test Package : GRS 1 (Additional Tests: BottomAnalysis)

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.

Mount St. Louis Moonstone

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