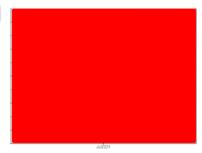


PROBLEM SUMMARY

Sample Rating Trend





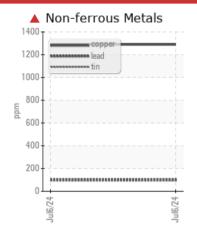
Machine Id

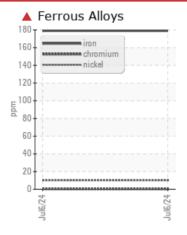
K2 P2 SW

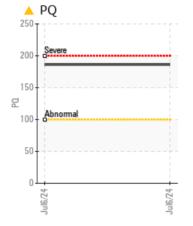
Bearing

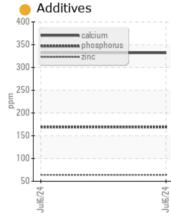
MOBIL MOBILGEAR SHC 1500 (40 LTR)

COMPONENT CONDITION SUMMARY









RECOMMENDATION

We advise that you check all areas where contaminants can enter the system. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.

PROBLEMATIC T	EST RE	ESULTS			
Sample Status				SEVERE	
PQ		ASTM D8184*		<u> </u>	
Iron	ppm	ASTM D5185(m)	>20	179	
Lead	ppm	ASTM D5185(m)	>20	4 98	
Copper	ppm	ASTM D5185(m)	>20	1289	
Tin	ppm	ASTM D5185(m)	>20	107	

Customer Id: CARDUN Sample No.: WC0959793 Lab Number: 02647701 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Kevin Marson +1 (289)291-4644 x4644 Kevin.Marson@wearcheck.com

To change component or sample information: Gloria Gonzalez +1 (289)291-4643 x4643 gloria.gonzalez@wearcheck.com

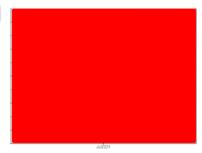
RECOMMENDED ACTIONS						
Action	Status	Date	Done By	Description		
Change Fluid			?	We recommend that you drain the oil from the component if this has not already been done.		
Resample			?	We recommend an early resample to monitor this condition.		
Check Breathers			?	The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather.		
Check Dirt Access			?	We advise that you check all areas where contaminants can enter the system.		
Check Fluid Source			?	Confirm the source of the lubricant being utilized for top-up/fill.		

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend





Machine Id

K2 P2 SW
Component

Bearing

MOBIL MOBILGEAR SHC 1500 (40 LTR)

DIAGNOSIS

Recommendation

We advise that you check all areas where contaminants can enter the system. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.

Wear

Copper and iron, lead and tin ppm levels are severe. PQ levels are abnormal. Bearing wear is indicated. The high ferrous density (PQ) index indicates that abnormal wear is occurring.

Contamination

Calcium and/or magnesium levels higher than normal indicating possible lime contamination, advise investigate.

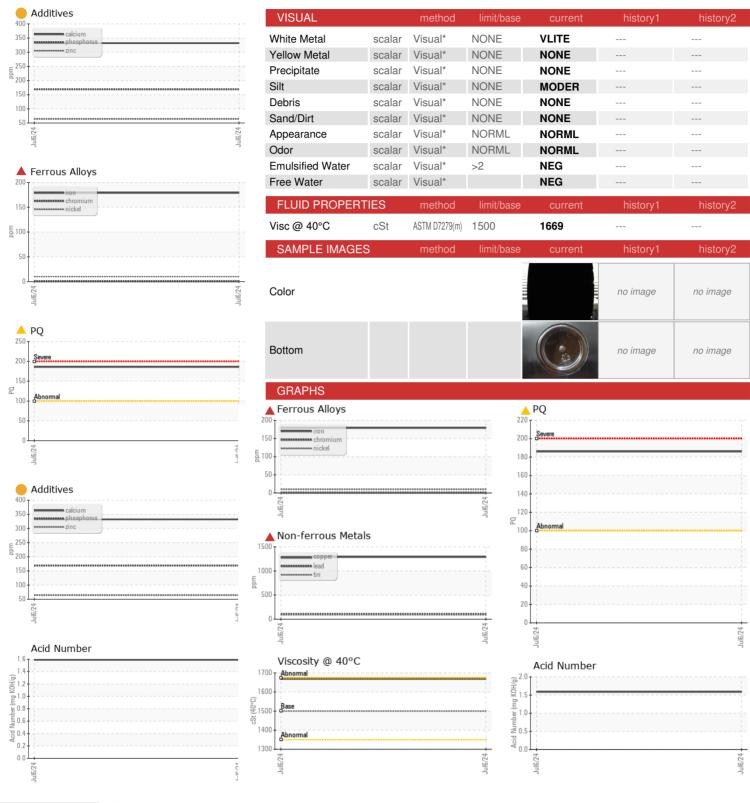
Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

SAMPLE INFORMATION method limit/base current history1 Sample Number Client Info WC0959793 Sample Date Client Info 06 Jul 2024 Machine Age mths Client Info 0 Oil Age mths Client Info N/A Oil Changed Client Info N/A Sample Status SEVERE CONTAMINATION method limit/base current history1 Water WC Method >2 NEG WEAR METALS method limit/base current history1 PQ ASTM D8184* \$\text{186} Iron ppm ASTM D5185(m) >20 \$\text{179} Chromium ppm ASTM D5185(m) >20 \$\text{100} Nickel ppm ASTM D5185(m) >20 \$\text{1} Silver ppm ASTM D5185(m)	history2 history2 history2
Sample Date Client Info 06 Jul 2024 Machine Age mths Client Info 4 Oil Age mths Client Info 0 Oil Changed Client Info N/A Sample Status SEVERE CONTAMINATION method limit/base current history1 Water WC Method 2 NEG WEAR METALS method limit/base current history1 Wear Metals method limit/base current history1 Wear Metals method limit/base current history1 Water WC Method -2 NEG Wear Metals method limit/base current history1 Water WC Method -2 NEG Wear Metals method limit/base current history1 Water WEAR METALS method limit/base	history2 history2
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Phosphorus ppm ASTM D5185(m) 169 Zinc ppm ASTM D5185(m) 64	
Zinc ppm ASTM D5185(m) 64	
Sulfur ppm ASTM D5185(m) 2683	
Lithium ppm ASTM D5185(m) <1	
CONTAMINANTS method limit/base current history1	history2
Silicon ppm ASTM D5185(m) >15 15	
Sodium ppm ASTM D5185(m) 2	
Potassium ppm	
FLUID DEGRADATION method limit/base current history1	
Acid Number (AN) mg KOH/g ASTM D974* 1.59	



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

Lab Number : 02647701 Unique Number : 5813253

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Carmeuse Lime (Canada) Ltd Dundas Operations : WC0959793 Received : 12 Jul 2024 : 12 Jul 2024

Tested Diagnosed

Test Package : IND 2 (Additional Tests: Bottom, TAN Man) 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.

: 15 Jul 2024 - Kevin Marson

Contact: Harsh Murria harsh.murria@carmeuse.com T: (905)628-7651

R.R. #2, 600 5 Hwy W

Validity of results and interpretation are based on the sample and information as supplied.

Dundas, ON

CA L9H 5E2