



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**Pedestal Bearing Center Main Engine**  
 Component  
**Center Bearing**  
 Fluid  
**MOBIL DTE OIL HVY MEDIUM (18 LTR)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0807866</b>	WC0807841	---
Sample Date		Client Info		<b>30 Apr 2024</b>	27 Apr 2023	---
Machine Age	hrs	Client Info		<b>55415</b>	54793	---
Oil Age	hrs	Client Info		<b>0</b>	1919	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>None</b>	Not Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	---
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	0	---
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	0	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	---
Lead	ppm	ASTM D5185(m)	>25	<b>4</b>	5	---
Copper	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	---
Tin	ppm	ASTM D5185(m)	>15	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---

## CONTAMINATION

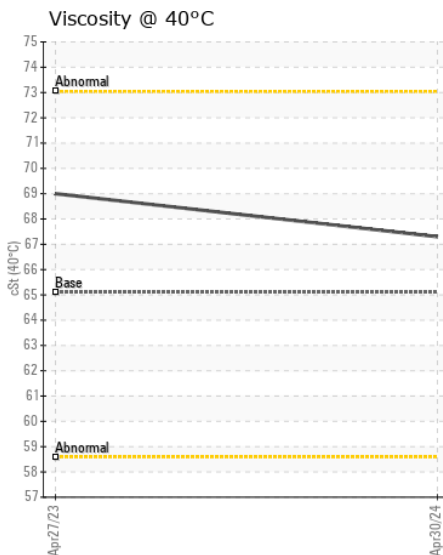
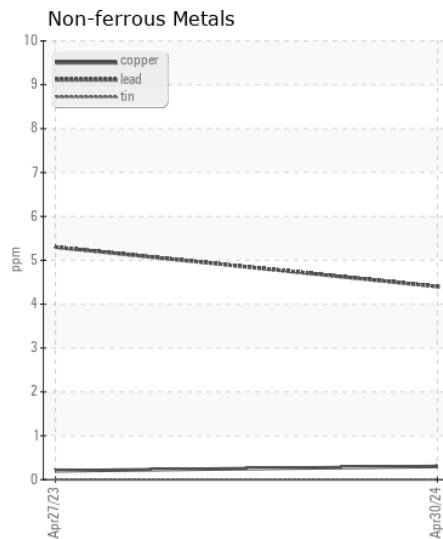
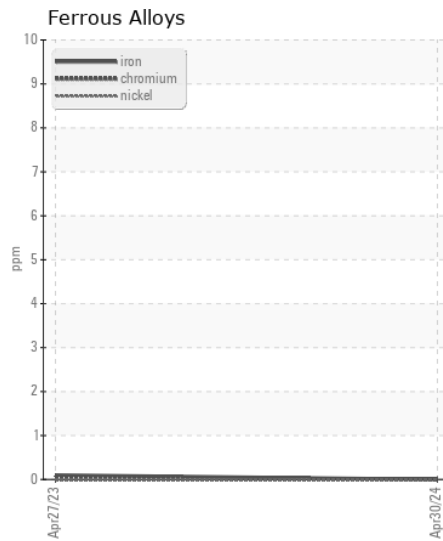
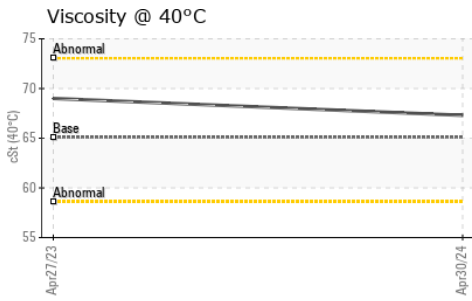
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>15	<b>0</b>	0	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	0	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	---

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Boron	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	---
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	0	---
Magnesium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Calcium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	---
Phosphorus	ppm	ASTM D5185(m)		<b>116</b>	138	---
Zinc	ppm	ASTM D5185(m)		<b>88</b>	96	---
Sulfur	ppm	ASTM D5185(m)		<b>1363</b>	1048	---
Visc @ 40°C	cSt	ASTM D7279(m)	65.1	<b>67.3</b>	69.0	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0807866  
**Lab Number** : 02637304  
**Unique Number** : 5786466  
**Test Package** : MAR 1

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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.