

No relevant graphs to display

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS							
Sample Status				ABNORMAL	NORMAL	ABNORMAL	
Debris	scalar	*Visual	NONE	A MODER	NONE	A MODER	

Customer Id: LEPGRE Sample No.: WC0805880 Lab Number: 05829772 Test Package: IND 1



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 <u>don.b505@comcast.net</u>

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

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

17 Oct 2022 Diag: Angela Borella



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

20 Apr 2022 Diag: Doug Bogart



We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of visible silt present in the sample. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

17 Oct 2021 Diag: Don Baldridge

NORMAL



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



view report

view report







OIL ANALYSIS REPORT

Area **RO NFDM** [1718902] Machine Id **RO01PP31BB01** Component

Bearing Fluid MOBIL SHC 626 (--- QTS)

DIAGNOSIS

A Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

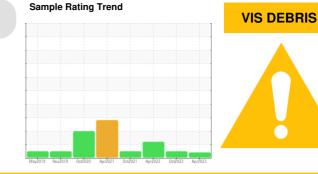
All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil.

Fluid Condition

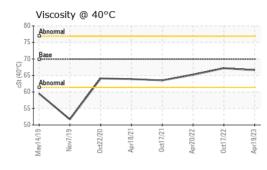
The condition of the oil is acceptable for the time in service.



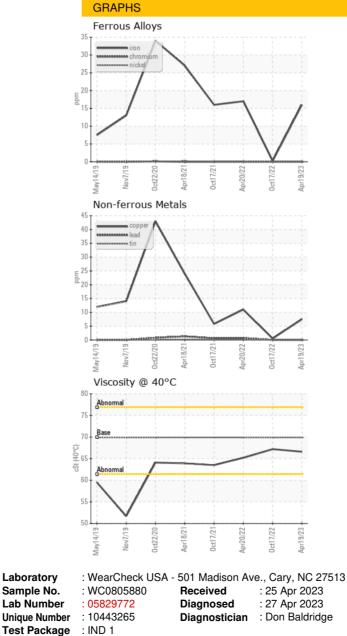
Sample NumberClient InfoWC0805868WC0747516WC0805858Sample DateClient Info19 Apr 202117 Oct 202220 Apr 2022Machine AgemthsClient Info000Oil AgemthsClient InfoN/AN/AN/ASample StatusIClient InfoN/AN/AN/ASample StatusImethodImtoABNORMALABNORMALWEAR METALSmethodImtoCurrenthistory1history2IronppmASTM 05185m>20000NickelppmASTM 05185m>20000SilverppmASTM 05185m>20000SilverppmASTM 05185m>20000CopperppmASTM 05185m>20000AntimonyppmASTM 05185m>20000AntimonyppmASTM 05185m20000AntimonyppmASTM 05185m0000AntimonyppmASTM 05185m1000BariumppmASTM 05185m0000BariumppmASTM 05185m1000BariumppmASTM 05185m1000BariumppmASTM 05185m1000BariumppmASTM 05185m1 <td< th=""><th>SAMPLE INFORM</th><th>ATION</th><th>method</th><th>limit/base</th><th>current</th><th>history1</th><th>history2</th></td<>	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Machine AgemthsClient Info0000Oil GhangedClient InfoN/AN/AN/AN/ASample StatusClient InfoN/AN/AABNORMALWEAR METALSmethodlimit/basecurrenthistory1history2IronppmASTM D5185m>2016<1	Sample Number		Client Info		WC0805880	WC0747516	WC0685588
Oil AgemthsClient InfoN/AN/AN/ASample StatusClient InfoN/AN/AN/AN/ASample Statusininit/basecurrenthistory1history2IronppmASTM D5185m>2016<1	Sample Date		Client Info		19 Apr 2023	17 Oct 2022	20 Apr 2022
Oli Changed Sample StatusClient InfoN/AN/AN/AWEAR METALSmethodlimit/basecurrenthistory1history2IronppmASTM D5185n>2016<1	Machine Age	mths	Client Info		0	0	0
Sample Status method Imil/base current history1 history2 Iron ppm ASTM D5185m >20 16 <1	Oil Age	mths	Client Info		0	0	0
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >20 16 <1	Oil Changed		Client Info		N/A	N/A	N/A
ronppmASTM D5185m>2016<117ChromiumppmASTM D5185m>20000NickelppmASTM D5185mS20000SilverppmASTM D5185m00<1<1AluminumppmASTM D5185m20<1<1<1LeadppmASTM D5185m>206<1<1CopperppmASTM D5185m>208<111TinppmASTM D5185m>208<111AntimonyppmASTM D5185m>208<111AntimonyppmASTM D5185m20000AddiumppmASTM D5185m0000AddiumppmASTM D5185m0000AddiumppmASTM D5185m0000AddiumppmASTM D5185m0000MagaeseppmASTM D5185m1000MagnesiumppmASTM D5185m1000PhosphorusppmASTM D5185m1601PhosphorusppmASTM D5185m10<11SiliconppmASTM D5185m20443SodiumppmASTM D5185m204<1<1SiliconppmASTM D5185m20	Sample Status				ABNORMAL	NORMAL	ABNORMAL
ppm ASTM D5185m >20 0 0 0 Nickel ppm ASTM D5185m >20 0 0 0 Silver ppm ASTM D5185m 0 - - - Aluminum ppm ASTM D5185m >20 0 0 - - Lead ppm ASTM D5185m >20 0 0 - - Copper ppm ASTM D5185m >20 0 0 - - Vanadium ppm ASTM D5185m >20 0 0 0 - Vanadium ppm ASTM D5185m 0 0 0 0 - Vanadium ppm ASTM D5185m 0 0 0 0 0 Boron ppm ASTM D5185m 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <	WEAR METALS		method	limit/base	current	history1	history2
NickelppmASTM D5185m>20000TitaniumppmASTM D5185m0<1	Iron	ppm	ASTM D5185m	>20	16	<1	17
TitaniumppmASTM D5185m000SilverppmASTM D5185m0<1	Chromium	ppm	ASTM D5185m	>20	0	0	0
SilverppmASTM D5185m0<1<1AluminumppmASTM D5185m>20<1	Nickel	ppm	ASTM D5185m	>20	0	0	0
Aluminum ppm ASTM D5185m >20 <1 <1 <1 Lead ppm ASTM D5185m >20 0 0 <1	Titanium	ppm	ASTM D5185m		0	0	0
LeadppmASTM D5185m>2000<1CopperppmASTM D5185m>208<1	Silver	ppm	ASTM D5185m		0	<1	<1
Copper ppm ASTM D5185m >20 8 <1 11 Tin ppm ASTM D5185m >20 0 0 <1	Aluminum	ppm	ASTM D5185m	>20	<1	<1	<1
TinppmASTM D5185m>2000<1AntimonyppmASTM D5185m0VanadiumppmASTM D5185m0000CadmiumppmASTM D5185m0000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m0000BariumppmASTM D5185m0000MolybdenumppmASTM D5185m0000MaganeseppmASTM D5185m1090CalciumppmASTM D5185m1090PhosphorusppmASTM D5185m43253964622ZincppmASTM D5185m10711631159CONTAMINANTSmethodlimit/basecurrenthistory1history2SilfurppmASTM D5185m20413SodiumppmASTM D5185m20414VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONE <t< td=""><td>Lead</td><td>ppm</td><td>ASTM D5185m</td><td>>20</td><th>0</th><td>0</td><td></td></t<>	Lead	ppm	ASTM D5185m	>20	0	0	
AntimonyppmASTM D5185mVanadiumppmASTM D5185m000CadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m0000BariumppmASTM D5185m0<1	Copper	ppm	ASTM D5185m	>20	8	<1	11
NumberNormal PartNormal NormalNormal NormalNormal NormalVanadium ppmppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m0000BariumppmASTM D5185m0<1	Tin	ppm	ASTM D5185m	>20	0	0	<1
CadmiumppmASTM D5185m000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m000BariumppmASTM D5185m0<1	Antimony	ppm	ASTM D5185m				
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BoronppmASTM D5185m000BariumppmASTM D5185m0<1	Cadmium	ppm	ASTM D5185m		0	0	0
BariumppmASTM D5185m0<13MolybdenumppmASTM D5185m000ManganeseppmASTM D5185m1<1	ADDITIVES		method	limit/base	current	history1	history2
MolybdenumppmASTM D5185m000ManganeseppmASTM D5185m-1<1	Boron	ppm	ASTM D5185m		0	0	0
ManganeseppmASTM D5185m<1<1<1<1MagnesiumppmASTM D5185m109CalciumppmASTM D5185m6016PhosphorusppmASTM D5185m435396462ZincppmASTM D5185m42672SulfurppmASTM D5185m10711631159CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>150<1	Barium	ppm	ASTM D5185m		0	<1	3
MagnesiumppmASTM D5185m109CalciumppmASTM D5185mG016PhosphorusppmASTM D5185m435396462ZincppmASTM D5185m422672SulfurppmASTM D5185m10711631159CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>150<1	Molybdenum	ppm	ASTM D5185m		0	0	0
CalciumppmASTM D5185m6016PhosphorusppmASTM D5185m435396462ZincppmASTM D5185m422672SulfurppmASTM D5185m10711631159CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>150<1	Manganese	ppm	ASTM D5185m		<1	<1	
PhosphorusppmASTM D5185m435396462ZincppmASTM D5185m42672SulfurppmASTM D5185m10711631159CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>150<1	-	ppm			-	0	9
ZincppmASTM D5185m42672SulfurppmASTM D5185m10711631159CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>150<1		ppm	ASTM D5185m		-		
SulfurppmASTM D5185m10711631159CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>150<1		ppm					
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>150<1		ppm					
SiliconppmASTM D5185m>150<1<1SodiumppmASTM D5185m2<1	Sulfur	ppm	ASTM D5185m		1071	163	1159
SodiumppmASTM D5185m2<13PotassiumppmASTM D5185m>204<1	CONTAMINANTS		method	limit/base	current	history1	history2
PotassiumppmASTM D5185m>204<14VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONEMODERNONEMODERSand/Dirtscalar*VisualNORMLNORMLNORMLNORMLAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEG	Silicon	ppm	ASTM D5185m	>15	0	<1	<1
VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONEMODERDebrisscalar*VisualNONEMODERNONEMODERSand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEGNEG	Sodium	ppm	ASTM D5185m		2	<1	3
White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONEMODERNONEMODERSand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEG	Potassium	ppm	ASTM D5185m	>20	4	<1	4
Yellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONEMODERNONEMODERSand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEG	VISUAL		method	limit/base	current	history1	history2
Precipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONEMODERDebrisscalar*VisualNONEMODERNONEMODERSand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEG		scalar			NONE	NONE	NONE
Siltscalar*VisualNONENONENONENONEMODERDebrisscalar*VisualNONEMODERNONEMODERSand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEG	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Debrisscalar*VisualNONEMODERNONEMODERSand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEGNEG	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEG		scalar				NONE	A MODER
Appearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEG	Debris	scalar	*Visual	NONE		NONE	🔺 MODER
Odorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEG	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Water scalar *Visual >2 NEG NEG NEG	Appearance	scalar		NORML	NORML	NORML	NORML
		scalar	*Visual	NORML	NORML	NORML	NORML
Free Water scalar *Visual NEG NEG NEG		scalar		>2		NEG	
	Free Water	scalar	*Visual		NEG	NEG	NEG



OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	69.9	66.6	67.2	65.2
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						



Certificate L2367 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.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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Laboratory

Sample No.

Submitted By: MICHAEL VILLASENOR