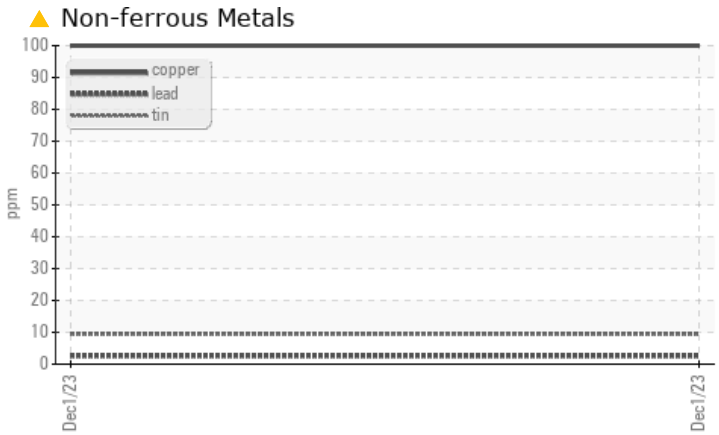
PROBLEM SUMMARY

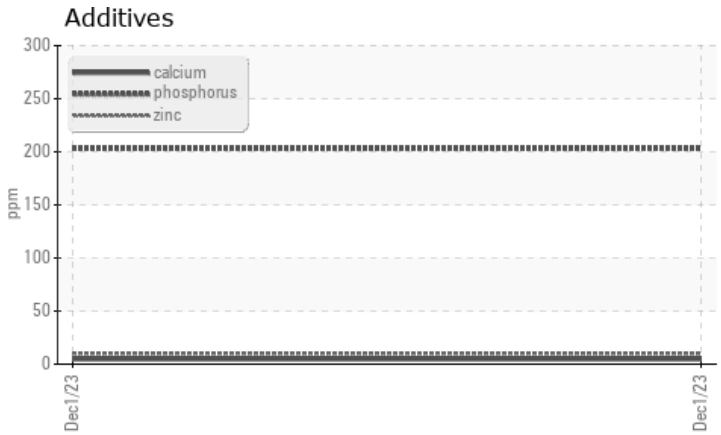
Area
MSE
Machine Id
41P06-DI-20T
Component
Reduction Gear
Fluid
MOBIL SHC 630 (30 LTR)

Sample Rating Trend

WEAR

COMPONENT CONDITION SUMMARY





RECOMMENDATION

Nous vous recommandons de vidanger l`huile de ce composant si vous ne l`avez pas déjà fait. Confirm the source of the lubricant being utilized for top-up/fill. Nous vous recommandons d`échantillonner de nouveau dès que possible afin de contrôler la situation.

PROBLEMATIC TEST RESULTS

Sample Status				**ABNORMAL**	---	---
Copper	ppm	ASTM D5185(m)	>55	▲ **100**	---	---

Customer Id: ALCBAI
Sample No.: WC0866020
Lab Number: 02601029
Test Package: IND 1

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	---	---	?	Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait.
Resample	---	---	?	We recommend an early resample to monitor this condition.
Check Fluid Source	---	---	?	Confirm the source of the lubricant being utilized for top-up/fill.

HISTORICAL DIAGNOSIS

OIL ANALYSIS REPORT

Sample Rating Trend

WEAR

Area
MSE
Machine Id
41P06-DI-20T
Component
Reduction Gear
Fluid
MOBIL SHC 630 (30 LTR)

DIAGNOSIS

Recommendation

Nous vous recommandons de vidanger l`huile de ce composant si vous ne l`avez pas déjà fait. Confirm the source of the lubricant being utilized for top-up/fill. Nous vous recommandons d`échantillonner de nouveau dès que possible afin de contrôler la situation.

Wear

Usure de palier et (ou) de douille.

Contamination

Il n`y a aucun indice de contamination dans l`huile.

Fluid Condition

Les niveaux d`additifs indiquent l`ajout d`une autre marque ou d`un autre type d`huile. l`huile n`est plus en état de service en raison d`une usure anomale et/ou sévère.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**WC0866020**	---	---
Sample Date		Client Info		**01 Dec 2023**	---	---
Machine Age	hrs	Client Info		**0**	---	---
Oil Age	hrs	Client Info		**0**	---	---
Oil Changed		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
Iron	ppm	ASTM D5185(m)	>117	**61**	---	---
Chromium	ppm	ASTM D5185(m)	>2	**<1**	---	---
Nickel	ppm	ASTM D5185(m)	>2	**<1**	---	---
Titanium	ppm	ASTM D5185(m)		**0**	---	---
Silver	ppm	ASTM D5185(m)		**<1**	---	---
Aluminum	ppm	ASTM D5185(m)	>11	**7**	---	---
Lead	ppm	ASTM D5185(m)	>10	**3**	---	---
Copper	ppm	ASTM D5185(m)	>55	▲ **100**	---	---
Tin	ppm	ASTM D5185(m)	>15	**9**	---	---
Antimony	ppm	ASTM D5185(m)	>5	**0**	---	---
Vanadium	ppm	ASTM D5185(m)		**0**	---	---
Beryllium	ppm	ASTM D5185(m)		**0**	---	---
Cadmium	ppm	ASTM D5185(m)		**0**	---	---

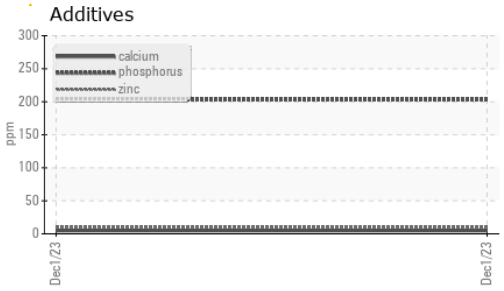
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		**2**	---	---
Barium	ppm	ASTM D5185(m)		**<1**	---	---
Molybdenum	ppm	ASTM D5185(m)		**0**	---	---
Manganese	ppm	ASTM D5185(m)		**0**	---	---
Magnesium	ppm	ASTM D5185(m)		**0**	---	---
Calcium	ppm	ASTM D5185(m)		**5**	---	---
Phosphorus	ppm	ASTM D5185(m)		**203**	---	---
Zinc	ppm	ASTM D5185(m)		**10**	---	---
Sulfur	ppm	ASTM D5185(m)		**2836**	---	---
Lithium	ppm	ASTM D5185(m)		**2**	---	---

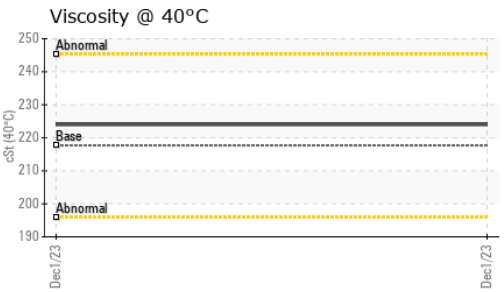
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	**13**	---	---
Sodium	ppm	ASTM D5185(m)		**1**	---	---
Potassium	ppm	ASTM D5185(m)	>20	**0**	---	---

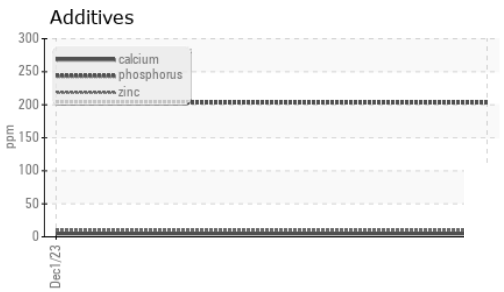
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*		**0**	---	---
Nitration	Abs/cm	ASTM D7624*		**3.8**	---	---
Sulfation	Abs/.1mm	ASTM D7415*		**40.8**	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*		**61.9**	---	---

OIL ANALYSIS REPORT





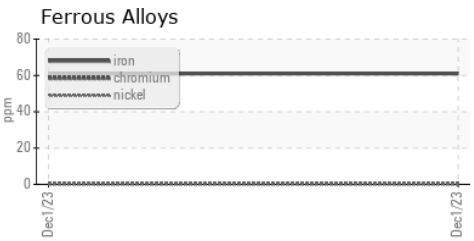


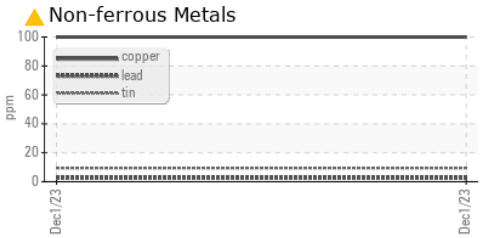
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	**NONE**	---	---
Yellow Metal	scalar	Visual*	NONE	**NONE**	---	---
Precipitate	scalar	Visual*	NONE	**NONE**	---	---
Silt	scalar	Visual*	NONE	**NONE**	---	---
Debris	scalar	Visual*	NONE	**VLITE**	---	---
Sand/Dirt	scalar	Visual*	NONE	**NONE**	---	---
Appearance	scalar	Visual*	NORML	**NORML**	---	---
Odor	scalar	Visual*	NORML	**NORML**	---	---
Emulsified Water	scalar	Visual*	>0.1	**NEG**	---	---
Free Water	scalar	Visual*		**NEG**	---	---

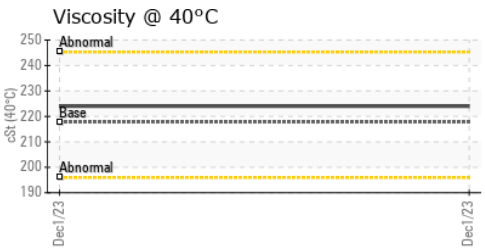
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	217.7	**224**	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				*no image*	*no image*
Bottom				*no image*	*no image*

GRAPHS







ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0866020 **Received** : 05 Dec 2023
Lab Number : 02601029 **Diagnosed** : 07 Dec 2023
Unique Number : 5694114 **Diagnostician** : Kevin Marson
Test Package : IND 1 (Additional Tests: FT-IR)

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.

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