



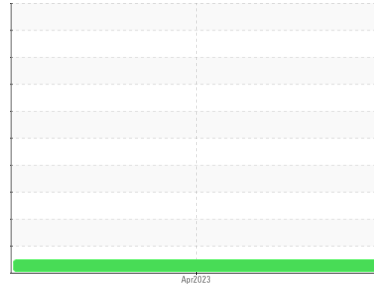
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
SUPREME 2TM125010FP
 Component
Gear Reducer
 Fluid
MOBIL SHC 629 (--- GAL)



DIAGNOSIS

Recommendation

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

	method	limit/base	current	history 1	history 2
Sample Number	Client Info		WC0773352	---	---
Sample Date	Client Info		28 Apr 2023	---	---
Machine Age	hrs	Client Info	4226	---	---
Oil Age	hrs	Client Info	4226	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history 1	history 2
PQ	ASTM D8184		50	---	---
Iron	ppm	ASTM D5185(m) >250	104	---	---
Chromium	ppm	ASTM D5185(m) >5	1	---	---
Nickel	ppm	ASTM D5185(m) >5	<1	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m)	0	---	---
Aluminum	ppm	ASTM D5185(m) >20	<1	---	---
Lead	ppm	ASTM D5185(m) >50	<1	---	---
Copper	ppm	ASTM D5185(m) >50	<1	---	---
Tin	ppm	ASTM D5185(m) >5	0	---	---
Antimony	ppm	ASTM D5185(m) >5	<1	---	---
Vanadium	ppm	ASTM D5185(m)	0	---	---
Beryllium	ppm	ASTM D5185(m)	0	---	---
Cadmium	ppm	ASTM D5185(m)	0	---	---

ADDITIVES

	method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185(m)	143	---	---
Barium	ppm	ASTM D5185(m)	4	---	---
Molybdenum	ppm	ASTM D5185(m)	0	---	---
Manganese	ppm	ASTM D5185(m)	4	---	---
Magnesium	ppm	ASTM D5185(m)	2	---	---
Calcium	ppm	ASTM D5185(m)	6	---	---
Phosphorus	ppm	ASTM D5185(m)	1053	---	---
Zinc	ppm	ASTM D5185(m)	6	---	---
Sulfur	ppm	ASTM D5185(m)	17210	---	---
Lithium	ppm	ASTM D5185(m)	8	---	---

CONTAMINANTS

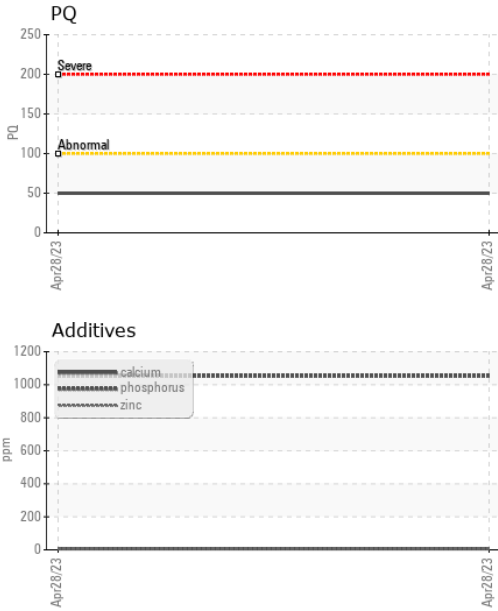
	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185(m) >60	3	---	---
Sodium	ppm	ASTM D5185(m)	5	---	---
Potassium	ppm	ASTM D5185(m) >20	2	---	---

FLUID CLEANLINESS

	method	limit/base	current	history 1	history 2
Particles >4µm	ASTM D7647	>20000	218443	---	---
Particles >6µm	ASTM D7647	>5000	133413	---	---
Particles >14µm	ASTM D7647	>640	1793	---	---
Particles >21µm	ASTM D7647	>160	101	---	---
Particles >38µm	ASTM D7647	>40	1	---	---
Particles >71µm	ASTM D7647	>10	0	---	---
Oil Cleanliness	ISO 4406 (c)	>21/19/16	25/24/18	---	---



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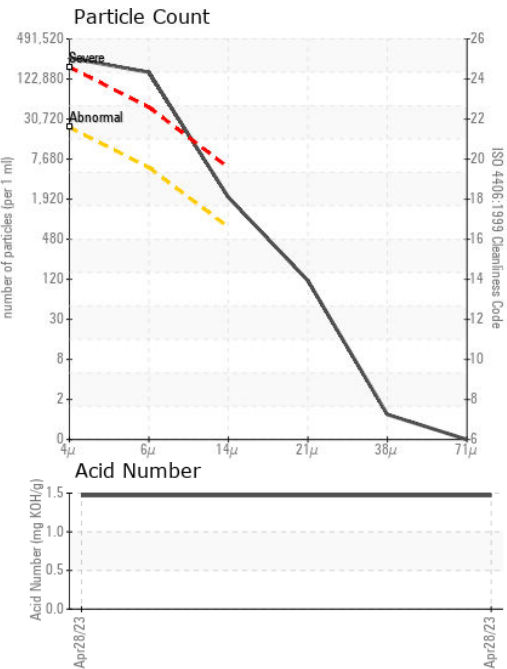
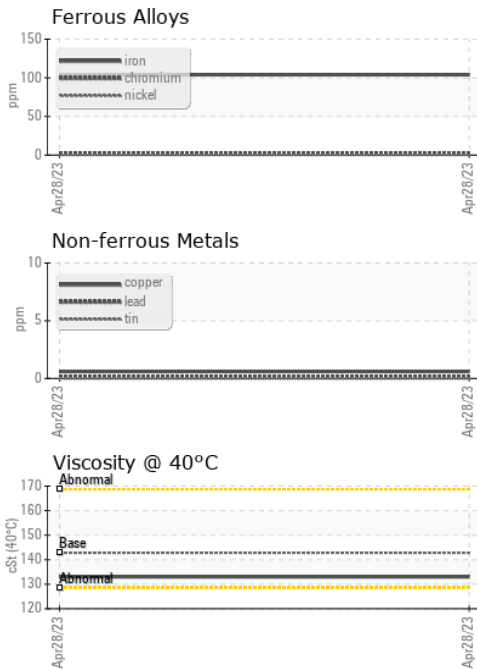


FLUID DEGRADATION		method	limit/base	current	history 1	history 2
Acid Number (AN)	mg KOH/g	ASTM D974		1.47	---	---
VISUAL		method	limit/base	current	history 1	history 2
White Metal	scalar	Visual	NONE	NONE	---	---
Yellow Metal	scalar	Visual	NONE	NONE	---	---
Precipitate	scalar	Visual	NONE	NONE	---	---
Silt	scalar	Visual	NONE	NONE	---	---
Debris	scalar	Visual	NONE	NONE	---	---
Sand/Dirt	scalar	Visual	NONE	NONE	---	---
Appearance	scalar	Visual	NORML	NORML	---	---
Odor	scalar	Visual	NORML	NORML	---	---
Emulsified Water	scalar	Visual	>0.2	NEG	---	---
Free Water	scalar	Visual		NEG	---	---

FLUID PROPERTIES		method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D7279(m)	142.8	133	---	---

SAMPLE IMAGES		method	limit/base	current	history 1	history 2
Color					no image	no image
Bottom					no image	no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0773352 **Received** : 09 May 2023
Lab Number : **02556267** **Diagnosed** : 11 May 2023
Unique Number : 5577307 **Diagnostician** : Kevin Marson
Test Package : MOB 2 (Additional Tests: PQ, PrtCount, 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.*
Validity of results and interpretation are based on the sample and information as supplied.

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