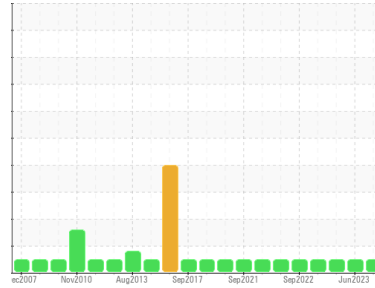




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**TURRET**  
 Machine Id  
**91-X-9601 SWIVEL 1, 12**  
 Component  
**Sealing System**  
 Fluid  
**MOBIL MOBILGEAR 634 (--- GAL)**

## DIAGNOSIS

### Recommendation

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 fluid.

### Fluid Condition

The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>PP</b>	PP	PP
Sample Date	Client Info	<b>25 Oct 2023</b>	28 Jun 2023	22 May 2023
Machine Age	days	Client Info	<b>0</b>	0
Oil Age	days	Client Info	<b>0</b>	0
Oil Changed	Client Info	<b>N/A</b>	N/A	N/A
Sample Status		<b>NORMAL</b>	NORMAL	NORMAL

## WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184*	<b>0</b>	0	0
Iron	ppm	ASTM D5185(m) >100	<b>4</b>	3
Chromium	ppm	ASTM D5185(m) >3	<b>&lt;1</b>	<1
Nickel	ppm	ASTM D5185(m) >8	<b>&lt;1</b>	<1
Titanium	ppm	ASTM D5185(m)	<b>0</b>	0
Silver	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1
Aluminum	ppm	ASTM D5185(m) >3	<b>0</b>	<1
Lead	ppm	ASTM D5185(m)	<b>0</b>	0
Copper	ppm	ASTM D5185(m) >3	<b>0</b>	<1
Tin	ppm	ASTM D5185(m)	<b>0</b>	0
Antimony	ppm	ASTM D5185(m)	<b>0</b>	0
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	0
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	0
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	0

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	<b>8</b>	9
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>&lt;1</b>	<1
Calcium	ppm	ASTM D5185(m)	<b>2</b>	2
Phosphorus	ppm	ASTM D5185(m)	<b>321</b>	356
Zinc	ppm	ASTM D5185(m)	<b>1</b>	2
Sulfur	ppm	ASTM D5185(m)	<b>16073</b>	16340
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1

## CONTAMINANTS

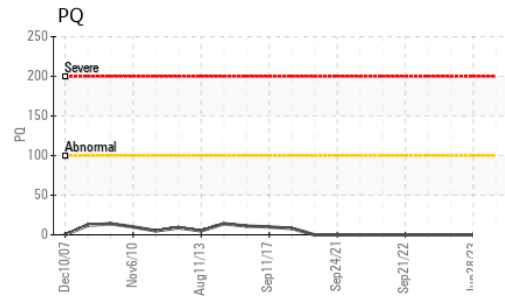
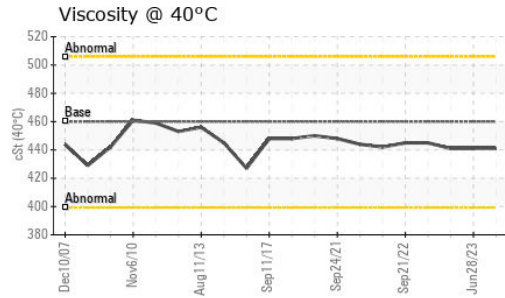
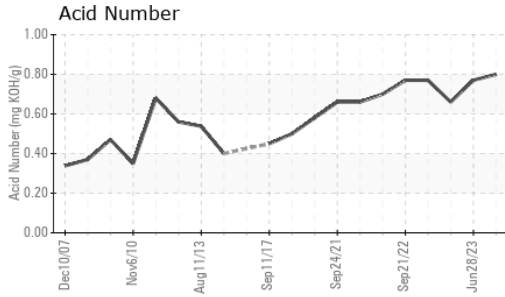
method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >25	<b>6</b>	3
Sodium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1
Potassium	ppm	ASTM D5185(m) >20	<b>0</b>	<1

## FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	<b>0.80</b>	0.77



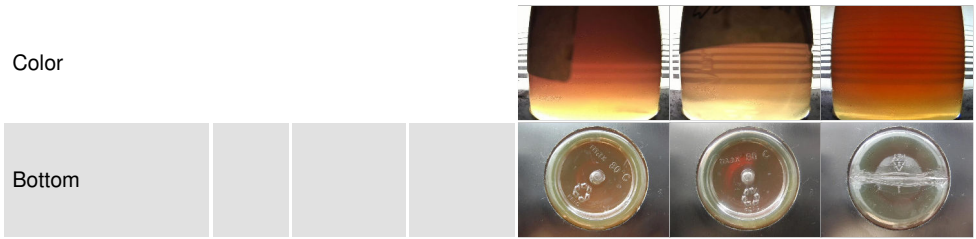
# OIL ANALYSIS REPORT



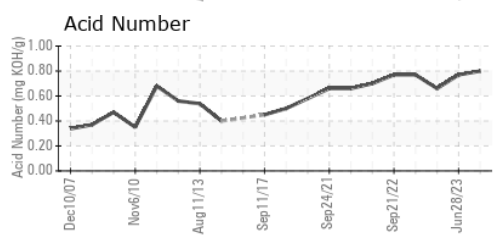
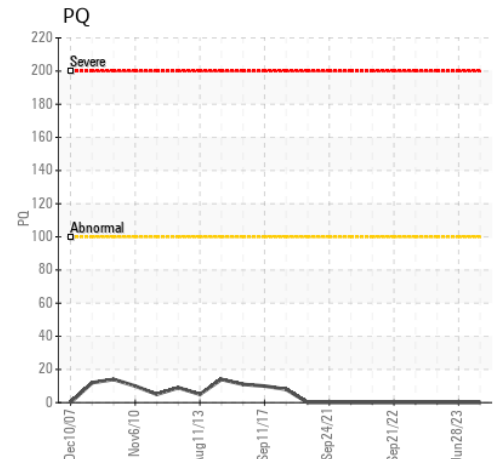
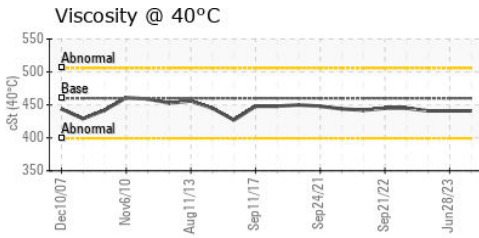
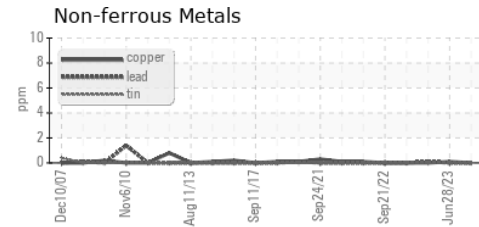
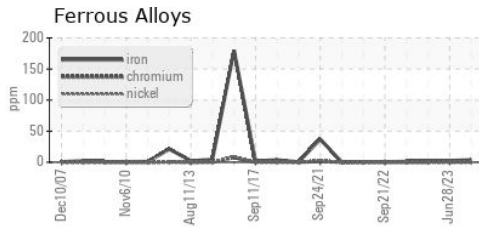
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	VLITE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	460	441	441

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 HUSKY SEA ROSE /AKER SOLUTIONS  
**Sample No.** : PP **Received** : 26 Oct 2023  
**Lab Number** : 02592277 **Diagnosed** : 27 Oct 2023  
**Unique Number** : 5669356 **Diagnostician** : Wes Davis  
**Test Package** : IND 2 ( Additional Tests: 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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 T: x:  
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