

### **OIL ANALYSIS REPORT**

Sample Rating Trend

NORMAL

Machine Id

# SPARTAN X LIFT SL16

Rear Right Final Drive Fluid GEAR OIL SAE 90W140 (--- GAL)

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 90W140. Please confirm.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

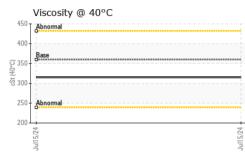
#### Fluid Condition

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

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0861425		
Sample Date		Client Info		15 Jul 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>500	120		
Chromium	ppm	ASTM D5185(m)	>10	<1		
Nickel	ppm	ASTM D5185(m)	>10	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>25	<1		
Lead	ppm	ASTM D5185(m)	>25	0		
Copper	ppm	ASTM D5185(m)	>50	<1		
Tin	ppm	ASTM D5185(m)	>10	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	history1	history2
Boron	ppm	ASTM D5185(m)	400	152		
Barium	ppm	ASTM D5185(m)	200	<1		
Molybdenum	ppm	ASTM D5185(m)	12	0		
Manganese	ppm	ASTM D5185(m)		2		
Magnesium	ppm	ASTM D5185(m)	12	<1		
Calcium	ppm	ASTM D5185(m)	150	6		
Phosphorus	ppm	ASTM D5185(m)	1650	887		
Zinc	ppm	ASTM D5185(m)	125	13		
Sulfur	ppm	ASTM D5185(m)	22500	22544		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	7		
Sodium	ppm	ASTM D5185(m)		<1		
Potassium	ppm	ASTM D5185(m)	>20	<1		



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scalar					history2
	Visual*	NONE	VLITE		
scalar	Visual*	NONE	NONE		
scalar	Visual*	NONE	NONE		
scalar	Visual*	NONE	NONE		
scalar	Visual*	NONE	NONE		
scalar	Visual*	NONE	NONE		
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scalar	Visual*	NORML	NORML		
scalar	Visual*	>0.2	NEG		
scalar	Visual*		NEG		
RTIES	method	limit/base	current	history1	history2
cSt	ASTM D7279(m)	360	315		
iES	method	limit/base	current	history1	history2
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		E 500	calcium		
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Unique Number : 5813742 Accredited Laboratory Test Package : MOB 1 Contact: Mitch Lamontagne To discuss this sample report, contact Customer Service at 1-800-268-2131. AEM\_KL\_macassaoilsampleresults@agnicoeagle.com T: (705)567-5208 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. F: (705)567-5221

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