

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.

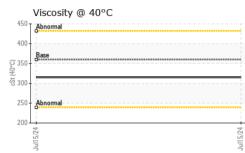
Fluid Condition

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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RTIES	method	limit/base	current	history1	history2
cSt	ASTM D7279(m)	360	315		
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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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ISO 17025:2017

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