

OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id M0742 Component Hydraulic System Fluid AW HYDRAULIC OIL ISO 46 (--- GAL)

DIAGNOSIS

Recommendation

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

Fluid Condition

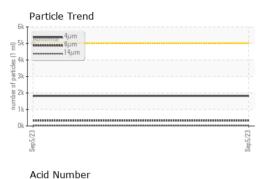
The oil viscosity is lower than typical, possibly indicating the addition of lighter grade oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

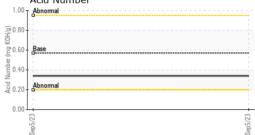
	ATION hrs hrs	method Client Info Client Info Client Info Client Info method	limit/base	Current WC0525520 05 Sep 2023 0 0 N/A	history1	history2
Sample Date Machine Age H Oil Age H Oil Changed Sample Status CONTAMINATION Water		Client Info Client Info Client Info Client Info		05 Sep 2023 0 0 N/A		
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Sample Status CONTAMINATION Water						
CONTAMINATION Water		method		NODMAL		
Water		method		NORMAL		
				current	history1	history2
WEAR METALS		WC Method	>0.05	NEG		
		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	<1		
	ppm	ASTM D5185(m)	>20	0		
Nickel	ppm	ASTM D5185(m)	>20	0		
	ppm	ASTM D5185(m)		0		
	ppm	ASTM D5185(m)		0		
	ppm	ASTM D5185(m)	>20	<1		
	ppm	ASTM D5185(m)	>20	0		
-	ppm	. ,	>20	<1		
	ppm	ASTM D5185(m)	>20	0		
	ppm	ASTM D5185(m)		0		
	ppm	ASTM D5185(m)		0		
	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	5	0		
	ppm	ASTM D5185(m)	5	0		
	ppm	ASTM D5185(m)	5	0		
	ppm	ASTM D5185(m)		0		
	ppm	ASTM D5185(m)	25	80		
	ppm	ASTM D5185(m)	200	76		
	ppm	ASTM D5185(m)	300	317		
	ppm	ASTM D5185(m)	370	373		
	ppm	ASTM D5185(m)	2500	2428		
	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	0		
	ppm	ASTM D5185(m)		<1		
			>20	<1		
Sodium	ppm	ASTM D5185(m)	200			
Sodium	ppm	ASTM D5185(m) method	limit/base	current	history1	history2
Sodium Potassium FLUID CLEANLINE	ppm	method	limit/base		history1	history2
Sodium Potassium FLUID CLEANLINE Particles >4µm	ppm	method ASTM D7647	limit/base >5000	1820		
Sodium potassium potassium potassium potassium particles >4µm Particles >6µm particles >6µm	ppm	method ASTM D7647 ASTM D7647	limit/base >5000 >1300	1820 329		
Sodium Potassium Potassium PLUID CLEANLINE Particles >4µm Particles >6µm Particles >14µm	ppm	method ASTM D7647 ASTM D7647 ASTM D7647	limit/base >5000 >1300 >160	1820 329 22		
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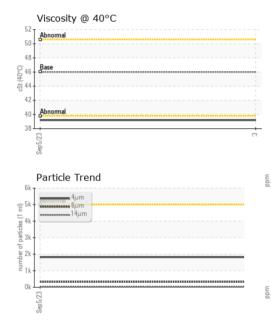


OIL ANALYSIS REPORT

FLUID DEGRADATION method







VISUAL method limit/base current history1 history2 Vihite Metal scalar Visual* NONE NONE Velow Metal scalar Visual* NONE NONE Visual* NONE NONE NONE Visual* NONE NONE Sand/Dirit scalar Visual* NORML NORE Sand/Dirit scalar Visual* NORML NORML Ddor scalar Visual* NORML NORML Ddor scalar Visual* NORML NORML Ddor scalar Visual* NORML NORML NORML FEUID PROPERTIES method limit/base current history1 history2 Scalor and imit/base current no image no image GRAPHS Scalor Mon-ferrous Metals	FLUID DEGRADI	ATION	methoa	limit/base	current	nistory i	nistory∠
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Accredited Laboratory Test Package : IND 2 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.

cSt (40°C)

Laboratory

Sample No. Lab Number

Unique Number

Contact: Guillaume Lettre glettre@idealroofing.ca T: (905)792-4354 F: (905)792-7740

CALA

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