

OIL ANALYSIS REPORT

[45024050] IH-65205-S1

Component

Unknown Component

{not provided} (--- GAL)

Sample Rating Trend



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. Please provide more complete information on your next sample.

Component wear rates appear to be normal (unconfirmed).

Contamination

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

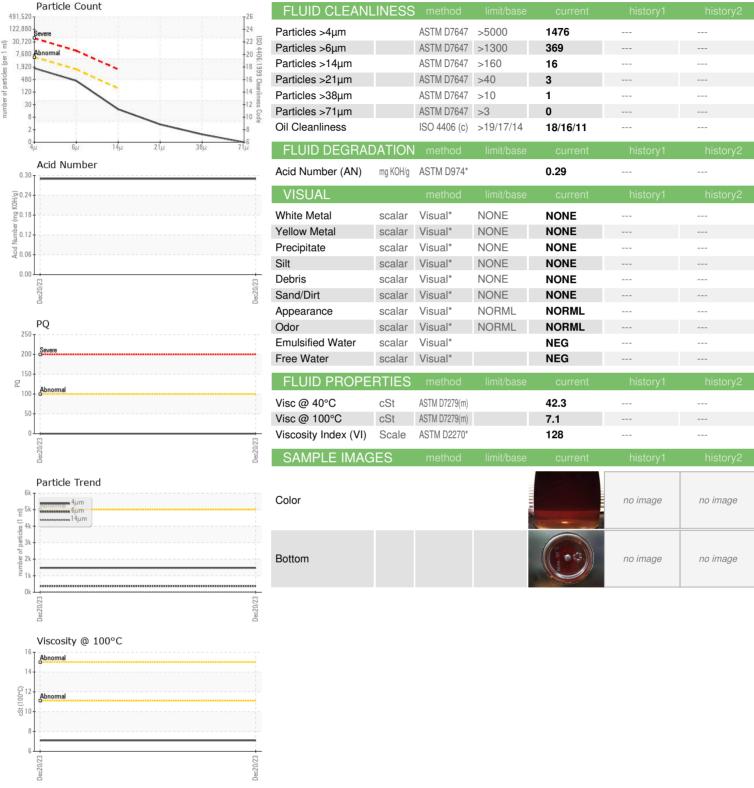
Fluid Condition

The AN level is acceptable for this fluid. The condition of the sample is acceptable for the time in service (unconfirmed).

SAMPLE INFORMATION method mini/base current history1 history2				Des	2023		
Sample Date Client Info 20 Dec 2023	SAMPLE INFOR	RMATIO	V method	limit/base	current	history1	history2
Machine Age hrs Client Info 0	Sample Number		Client Info	[PC0076199		
Oil Age hrs Client Info N/A Sample Status NORMAL CONTAMINATION method limit/base current history1 history2 Water WC Method NEG WEAR METALS method limit/base current history1 history2 PQ ASTM D8184* 0 Iron ppm ASTM D5185(m) 2 Nickel ppm ASTM D5185(m) 0 Nickel ppm ASTM D5185(m) 0 Aluminum ppm ASTM D5185(m) <1 Aluminum ppm ASTM D5185(m) <1 Copper ppm ASTM D5185(m) <1 Copper ppm ASTM D5185(m) 0 Candimin ppm	Sample Date		Client Info		20 Dec 2023		
Oil Changed Sample Status Client Info N/A CONTAMINATION method limit/base current history1 history2 WEAR METALS method limit/base current history1 history2 PQ ASTM D8184* 0 PQ ASTM D5185(m) 2 Chromium ppm ASTM D5185(m) 0 Nickel ppm ASTM D5185(m) 0 Silver ppm ASTM D5185(m) 0 Aluminum ppm ASTM D5185(m) <1	Machine Age	hrs	Client Info		0		
Sample Status	Oil Age	hrs	Client Info		0		
CONTAMINATION method limit/base current history1 history2 Water WC Method NEG WEAR METALS method limit/base current history1 history2 PQ ASTM D5185(m) 0 Iron ppm ASTM D5185(m) 0 Chromium ppm ASTM D5185(m) 0 Nickel ppm ASTM D5185(m) 0 Nickel ppm ASTM D5185(m) 0 Jiver ppm ASTM D5185(m) 0 Aluminum ppm ASTM D5185(m) <1 Lead ppm ASTM D5185(m) <1 Copper ppm ASTM D5185(m) 0 Tin ppm ASTM D5185(m) 0 Ti	Oil Changed		Client Info		N/A		
Water WC Method NEG WEAR METALS method limit/base current history1 history2 WEAR METALS method limit/base current history1 history2 PQ ASTM D8185(m) 0 Iron ppm ASTM D5185(m) 0 Chromium ppm ASTM D5185(m) 0 Nickel ppm ASTM D5185(m) 0 Titanium ppm ASTM D5185(m) <1 Aluminum ppm ASTM D5185(m) <1 Lead ppm ASTM D5185(m) <1 Copper ppm ASTM D5185(m) 0 Tin ppm ASTM D5185(m) 0 Antimony ppm ASTM D5185(m) 0 Vanadium	Sample Status			1	NORMAL		
WEAR METALS method limit/base current history1 history2 PQ ASTM D8184* 0 Iron ppm ASTM D5185(m) 2 Chromium ppm ASTM D5185(m) 0 Nickel ppm ASTM D5185(m) 0 Titanium ppm ASTM D5185(m) <1 Aluminum ppm ASTM D5185(m) <1 Aluminum ppm ASTM D5185(m) <1 Copper ppm ASTM D5185(m) <1 Tin ppm ASTM D5185(m) 0 <	CONTAMINA	TION	method	limit/base	current	history1	history2
PQ	Water		WC Method		NEG		
Iron	WEAR META	LS	method	limit/base	current	history1	history2
Chromium ppm ASTM D5185(m) 0 Nickel ppm ASTM D5185(m) 0 Titanium ppm ASTM D5185(m) 0 Silver ppm ASTM D5185(m) <1	PQ		ASTM D8184*		0		
Chromium ppm ASTM D5185(m) 0 Nickel ppm ASTM D5185(m) 0 Titanium ppm ASTM D5185(m) <1	Iron	ppm	ASTM D5185(m)		2		
Titanium ppm ASTM D5185(m) 0 Silver ppm ASTM D5185(m) <1	Chromium		ASTM D5185(m)		0		
Silver ppm ASTM D5185(m) <1 Aluminum ppm ASTM D5185(m) <1	Nickel	ppm	ASTM D5185(m)		0		
Silver	Titanium		. ,		0		
Aluminum ppm ASTM D5185(m) <1	Silver		ASTM D5185(m)		<1		
Lead ppm ASTM D5185(m) <1	Aluminum		,		<1		
Copper ppm ASTM D5185(m) 4 Tin ppm ASTM D5185(m) 0 Antimony ppm ASTM D5185(m) 0 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) 0 Barium ppm ASTM D5185(m) 0 Molybdenum ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) <1	Lead		ASTM D5185(m)		<1		
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Molybdenum ppm ASTM D5185(m) 0 Manganese ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) <1 Calcium ppm ASTM D5185(m) 4 Phosphorus ppm ASTM D5185(m) 320 Zinc ppm ASTM D5185(m) 366 Sulfur ppm ASTM D5185(m) 3365 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) <1 Sodium ppm ASTM D5185(m) 0		ppm	ASTM D5185(m)		<1		
Manganese ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) <1	Barium	ppm	ASTM D5185(m)		0		
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Calcium ppm ASTM D5185(m) 4 Phosphorus ppm ASTM D5185(m) 320 Zinc ppm ASTM D5185(m) 36 Sulfur ppm ASTM D5185(m) 3365 Lithium ppm ASTM D5185(m) <1	Manganese	ppm	ASTM D5185(m)		0		
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Zinc ppm ASTM D5185(m) 36 Sulfur ppm ASTM D5185(m) 3365 Lithium ppm ASTM D5185(m) <1	Phosphorus		,		320		
Sulfur ppm ASTM D5185(m) 3365 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) <1	Zinc		ASTM D5185(m)		36		
Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) <1	Sulfur				3365		
Silicon ppm ASTM D5185(m) <1 Sodium ppm ASTM D5185(m) 0	Lithium		. ,				
Sodium ppm ASTM D5185(m) 0	CONTAMINAL	NTS_	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185(m)		<1		
Potassium ppm ASTM D5185(m) >20 0	Sodium	ppm	ASTM D5185(m)		0		
	Potassium	ppm	ASTM D5185(m)	>20	0		



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited

Laboratory

Laboratory Sample No. Lab Number **Unique Number**

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : 02609540

Recieved : PC0076199

Diagnosed : 19 Jan 2024 Diagnostician : Kevin Marson

: 5710626 Test Package : MAR 2 (Additional Tests: KV100, PQ, PRTCOUNT, TAN Man, VI)

: 17 Jan 2024

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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