

OIL ANALYSIS REPORT

Area IR ULTRA COOLANT [056638] Machine Id INGERSOLL RAND VL1200U13212 - P&H MFG Component

Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

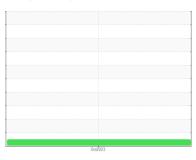
All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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



Sample Rating Trend



NORMAL

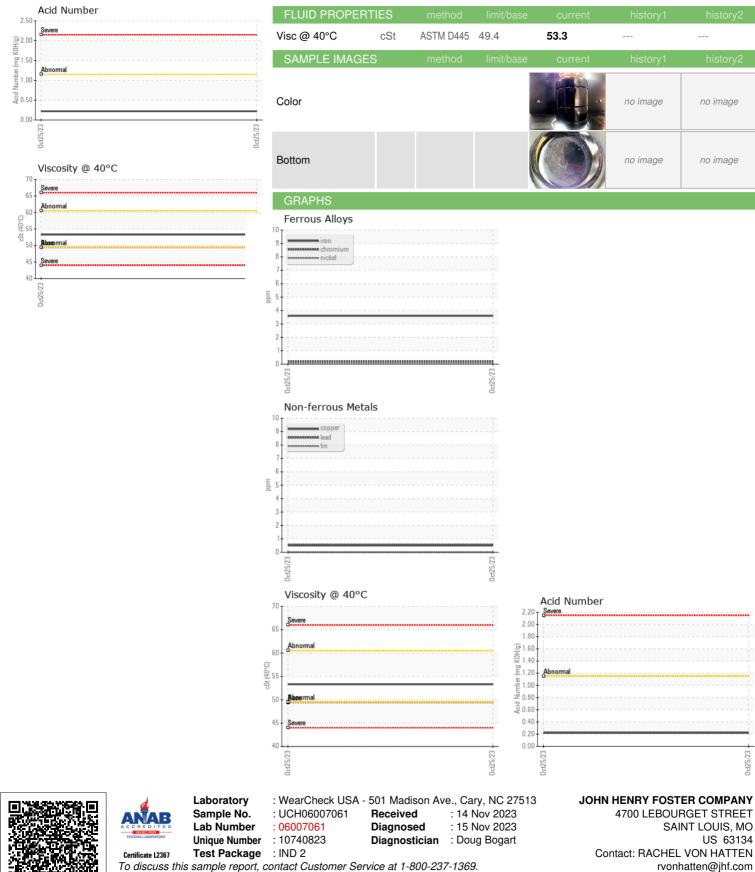
Sample Number Client Info 25 Oct 2023 Sample Date Client Info 25 Oct 2023 Machine Age hrs Client Info 3799 Oil Age hrs Client Info 3799 Oil Changed Client Info Sample Status WEAR METALS method Imb/sec NorRMAL WEAR METALS method Imb/sec Nickel ppm ASTM 051585 >50 4 Silver ppm ASTM 051585 >25 1 Copper ppm ASTM 051585 >25 0 Vanadium ppm ASTM 051585 >15 -1 Cadmium ppm ASTM 051585 0 Mangesium ppm ASTM 051585 0 0 Kamadium </th <th>SAMPLE INFORM</th> <th>IATION</th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Date Image of the set of the s	Sample Number		Client Info		UCH06007061		
Machine AgehrsClient Info23471Oil AgehrsClient InfoS799Sample StausIInfoNORMALWEAR METALSmethodImit/basecurrenthistory1WEAR METALSMethodS1M 05155>504NickelppmASTM 05155>10-1NickelppmASTM 05155-1TitaniumppmASTM 05155-250AluminumppmASTM 05155-50-1AuminumppmASTM 05155-50-1YanadiumppmASTM 05155-50-1YanadiumppmASTM 05155-50-1YanadiumppmASTM 051550-1YanadiumppmASTM 0515500BariumppmASTM 0515500MaganeseppmASTM 051550MaganeseppmASTM 051550-1MaganeseppmASTM 05155024NobybernumpmASTM 051550-1MagnesiumppmASTM 05155 <td< td=""><td></td><td></td><td>Client Info</td><td></td><td>25 Oct 2023</td><td></td><td></td></td<>			Client Info		25 Oct 2023		
Oil Age hrs Client Info 3799 Sample Status Client Info Changed WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185n >50 4 Nickel ppm ASTM D5185n >50 4 Nickel ppm ASTM D5185n >50 4 Aluminum ppm ASTM D5185n >50 4 Aluminum ppm ASTM D5185n >25 0 Aluminum ppm ASTM D5185n >50 <1		hrs	Client Info		23471		
Sample Status method imit/base current history1 history2 Iron ppm ASTM D5185m >50 4 Chromium ppm ASTM D5185m >10 <1	Oil Age	hrs	Client Info		3799		
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Chromium ppm ASTM D5185m >10 <1 Nickel ppm ASTM D5185m <1	Iron	ppm	ASTM D5185m	>50	4		
NickelppmASTM D5185m<1TitaniumppmASTM D5185m0<1	Chromium		ASTM D5185m	>10	<1		
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Copper ppm ASTM D5185m >50 <1 Tin ppm ASTM D5185m >15 <1							
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ManganeseppmASTM D5185m0MagnesiumppmASTM D5185m0<1	Molybdenum		ASTM D5185m	0	0		
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Appearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.1NEG	Debris	scalar	*Visual	NONE	NONE		
Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG	Sand/Dirt	scalar	*Visual	NONE	NONE		
Emulsified Water scalar *Visual >0.1 NEG	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		
Free Water scalar *Visual NEG	Emulsified Water	scalar	*Visual	>0.1	NEG		
	Free Water	scalar	*Visual		NEG		

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Contact/Location: RACHEL VON HATTEN - UCJOHSAI



OIL ANALYSIS REPORT



* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: RACHEL VON HATTEN - UCJOHSAI

US 63134

SAINT LOUIS, MO

T: (314)593-1267

F: (314)874-0965

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no image