

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id

HITACHI 470LC-5 HCMJAA70C00030815

Component Left Swing Drive

Fluid JOHN DEERE GL-5 80W90 (--- GAL)

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.

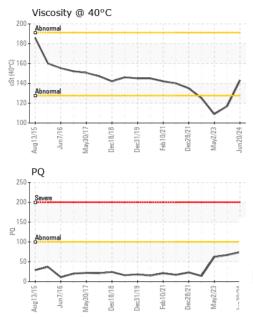
Fluid Condition

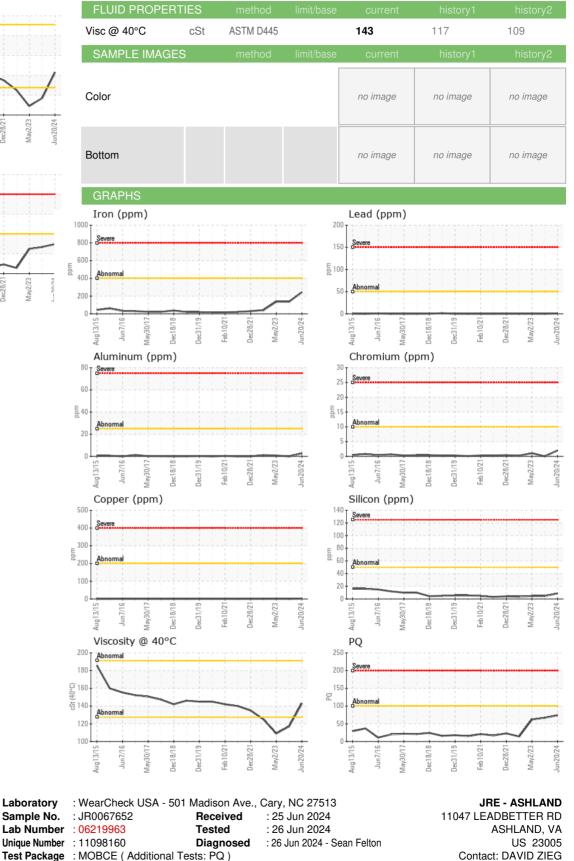
The condition of the oil is acceptable for the time in service.

SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		JR0067652	JR0179625	JR0147667
Sample Date		Client Info		20 Jun 2024	27 Nov 2023	02 May 2023
Machine Age	hrs	Client Info		17963	17018	15979
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATIC	N	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		74	67	62
Iron	ppm	ASTM D5185m	>400	245	136	137
Chromium	ppm	ASTM D5185m	>10	2	0	1
Nickel	ppm	ASTM D5185m	>10	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>25	3	0	<1
Lead	ppm	ASTM D5185m	>50	<1	0	0
Copper	ppm	ASTM D5185m	>200	2	<1	<1
Tin	ppm	ASTM D5185m		- <1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES	le le	method	limit/base	current	history1	history2
Boron	nnm	ASTM D5185m	initit/base	8	45	182
Barium	ppm ppm	ASTM D5185m		1	0	0
Molybdenum		ASTM D5185m		، <1	0	1
-	ppm	ASTM D5185m		2	<1	1
Manganese Magnesium	ppm	ASTM D5185m		2	3	4
Calcium	ppm	ASTM D5185m		57	233	232
	ppm	ASTM D5185m		2333	552	1198
Phosphorus	ppm			2333 41	100	
Zinc	ppm	ASTM D5185m				118
Sulfur	ppm	ASTM D5185m		30383	16416	21878
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	9	4	5
Sodium	ppm	ASTM D5185m		<1	0	1
Potassium	ppm	ASTM D5185m	>20	2	0	<1
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	MODER	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	ocatione@AVID 2	ZIEG _{NE} LAMAS
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To discuss this sample report, contact Customer Service at 1-800-237-1369. * - 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)

Report Id: JAMASH [WUSCAR] 06219963 (Generated: 06/27/2024 09:26:42) Rev: 1

Certificate 12367

Laboratory

Sample No.

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