

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id ALSTOM R010

Component Gearbox Fluid TOTAL CARTER SH 220 (3 GAL)

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 INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0798706	WC0381153	WCM2294617
Sample Date		Client Info		13 May 2024	20 Nov 2019	18 May 2019
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATION	۷	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	112	86	88
Chromium	ppm	ASTM D5185m	>10	1	<1	<1
Nickel	ppm	ASTM D5185m	>10	<1	<1	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>25	4	0	2
Lead	ppm	ASTM D5185m	>50	4	2	3
Copper	ppm	ASTM D5185m	>200	52	45	43
Tin	ppm	ASTM D5185m	>10	<1	0	<1
Antimony	ppm		>5		7	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	<1	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		1	2	2
Barium	ppm	ASTM D5185m		<1	<1	0
Molybdenum	ppm	ASTM D5185m		<1	0	1
Manganese	ppm	ASTM D5185m		1	3	<1
Magnesium	ppm	ASTM D5185m		1	1	<1
Calcium	ppm	ASTM D5185m		13	7	8
Phosphorus	ppm	ASTM D5185m		373	292	295
Zinc	ppm	ASTM D5185m		101	103	93
Sulfur	ppm	ASTM D5185m		3738	569	2859
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	14	12	15
Sodium	ppm	ASTM D5185m		23	26	26
Potassium	ppm	ASTM D5185m	>20	2	0	<1
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.44	0.428	0.542



€ 240

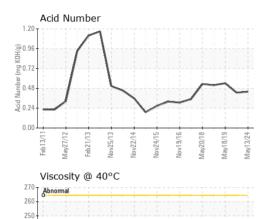
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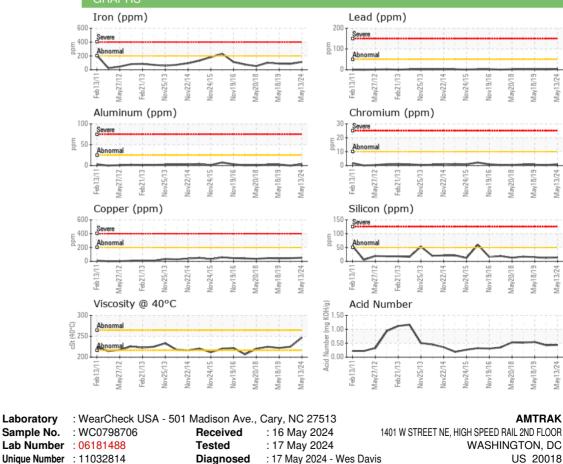
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OIL ANALYSIS REPORT



Mav13/24





Certificate 12367

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.

Test Package : MOB 2

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

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