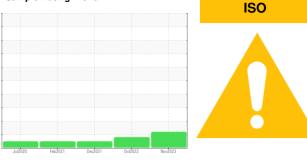


OIL ANALYSIS REPORT

SAMPLE INFORMATION method

Sample Rating Trend

limit/base



history1

current

history2

Area METRO METRO 21036

Rear Differential Fluid NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

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

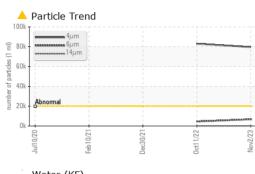
			initia babe	ourient	Thotory	motory
Sample Number		Client Info		WC0843125	WC0765884	WC0661184
Sample Date		Client Info		02 Nov 2023	11 Oct 2022	30 Dec 2021
Machine Age	mls	Client Info		258361	177858	118342
Oil Age	mls	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	234	173	149
Chromium	ppm	ASTM D5185m		1	2	1
Nickel	ppm	ASTM D5185m	>10	<1	1	0
Titanium	ppm	ASTM D5185m	>10	0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	4	4	3
			>25	4		0
Lead	ppm	ASTM D5185m		-	<1	
Copper	ppm	ASTM D5185m		<1		<1
Tin	ppm	ASTM D5185m	>10	0	<1	0
Antimony	ppm	ASTM D5185m	>5			0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		116	120	128
Barium	ppm	ASTM D5185m		<1	<1	2
Molybdenum	ppm	ASTM D5185m		0	<1	<1
Manganese	ppm	ASTM D5185m		4	4	3
Magnesium	ppm	ASTM D5185m		147	148	145
Calcium	ppm	ASTM D5185m		8	8	8
Phosphorus	ppm	ASTM D5185m		1737	1639	1676
Zinc	ppm	ASTM D5185m		11	10	7
Sulfur	ppm	ASTM D5185m		22870	25056	21244
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	50	42	30
Sodium	ppm	ASTM D5185m		8	8	5
Potassium	ppm	ASTM D5185m	>20	1	<1	0
Water	%	ASTM D6304	>.2	0.030	0.044	0.026
ppm Water	ppm	ASTM D6304	>2000	302.2	441.5	263.2
FLUID CLEANLI	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	A 79653	▲ 82964	
Particles >6µm		ASTM D7647	>5000	<u> </u>	4525	
Particles >14µm		ASTM D7647	>640	45	33	
Particles >21µm		ASTM D7647	>160	13	5	
Particles >38µm		ASTM D7647	>40	1	1	
Particles >71µm		ASTM D7647	>10	1	1	
Oil Cleanliness		ISO 4406 (c)	>21/19/16	A 23/20/13	▲ 24/19/12	
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.23	1.10	1.37
:18:51) Rev: 1			Contact		NNA CREDARO	

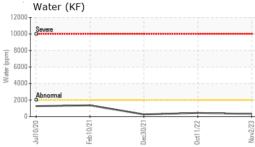
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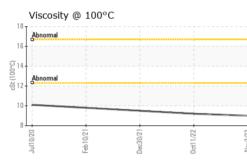
Contact/Location: GIANNA CREDAROLI - BASTARHD



OIL ANALYSIS REPORT









Color

Bottom

