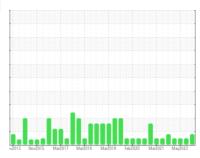


OIL ANALYSIS REPORT

AREA III [500314927] MAC M9183 (S/N Pallet-Dispenser-1)

Hydraulic System

ESSO NUTO H ISO 68 (10 GAL)



Sample Rating Trend



Recommendation

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

All component wear rates are normal.

Contamination

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

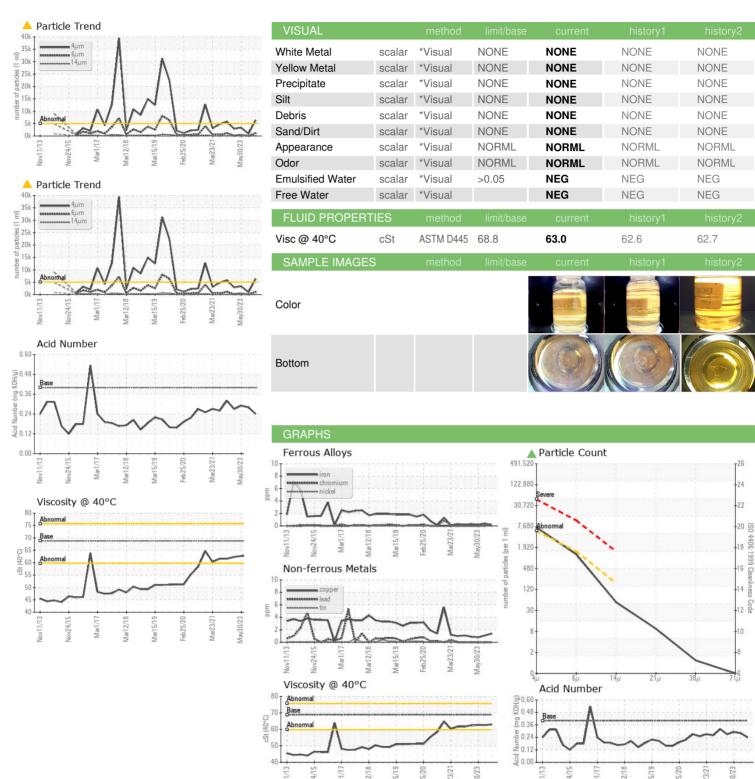
Fluid Condition

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

		vŽ013 NovŽ	015 Mar2017 Mar2018	Mar2019 Feb2020 Mar2021	may2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0844032	WC0810659	WC0804381
Sample Date		Client Info		14 Nov 2023	21 Aug 2023	30 May 2023
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				ATTENTION	NORMAL	NORMAL
CONTAMINATION	٧	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0	<1	<1
Chromium	ppm	ASTM D5185m	>20	<1	0	0
Nickel	ppm	ASTM D5185m	>20	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>20	2	0	0
Lead	ppm	ASTM D5185m	>20	0	0	0
Copper	ppm	ASTM D5185m	>20	1	1	<1
Tin	ppm	ASTM D5185m	>20	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	0
Barium	ppm	ASTM D5185m	0	3	1	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	5	0	<1	0
Calcium	ppm	ASTM D5185m	50	44	45	45
Phosphorus	ppm	ASTM D5185m	330	365	311	308
Zinc	ppm	ASTM D5185m	420	387	404	412
Sulfur	ppm	ASTM D5185m	3100	8497	7806	8408
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	0	<1	<1
Sodium	ppm	ASTM D5185m		0	0	0
Potassium	ppm	ASTM D5185m	>20	<1	0	0
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	▲ 6339	910	3327
Particles >6µm		ASTM D7647	>1300	1078	59	352
Particles >14µm		ASTM D7647	>160	46	9	26
Particles >21µm		ASTM D7647	>40	8	3	10
Particles >38µm		ASTM D7647	>10	1	1	2
Particles >71µm		ASTM D7647	>3	0	0	1
Oil Cleanliness		ISO 4406 (c)	>19/17/14	2 0/17/13	17/13/10	19/16/12
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
TEOID DEGITION				ourront		111010172



OIL ANALYSIS REPORT







Laboratory Sample No. Lab Number **Unique Number** Test Package : IND 2

: WC0844032 : 06063530 : 10834912

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 17 Jan 2024 Diagnosed : 19 Jan 2024

Diagnostician

: Don Baldridge

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)

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