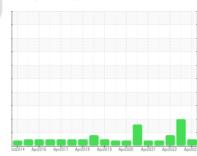


OIL ANALYSIS REPORT

COMPOUND MT L - AGITATOR

Component Gearbox

SHELL OMALA S2 G 220 (9 GAL)



Sample Rating Trend



Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

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

		Jet2014 Apr20	016 Apr2017 Apr2018	Apr2019 Apr2020 Apr2021 Apr	2022 Apr202	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0802658	WC0748720	WC0677614
Sample Date		Client Info		05 Apr 2023	05 Oct 2022	06 Apr 2022
Machine Age	mths	Client Info		0	0	0
Oil Age	mths	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	2	3	2
Chromium	ppm	ASTM D5185m	>15	0	0	0
Nickel	ppm	ASTM D5185m	>15	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>25	0	<1	<1
Lead	ppm	ASTM D5185m	>100	<1	0	0
Copper	ppm	ASTM D5185m	>200	0	<1	<1
Tin	ppm	ASTM D5185m	>25	0	0	0
Antimony	ppm	ASTM D5185m	>5			
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	4.4	1	2	4
Barium	ppm	ASTM D5185m	0.0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	1	<1	<1
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m	0	1	0	0
Calcium	ppm	ASTM D5185m	0	13	8	9
Phosphorus	ppm	ASTM D5185m	215	277	292	298
Zinc	ppm	ASTM D5185m	0	9	18	15
Sulfur	ppm	ASTM D5185m	7039	10826	13280	9111
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	2	3	2
Sodium	ppm	ASTM D5185m		0	0	<1
Potassium	ppm	ASTM D5185m	>20	1	0	0
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	10175	▲ 73499	▲ 38709
Particles >6µm		ASTM D7647	>5000	1249	<u>^</u> 24052	△ 6019
Particles >14µm		ASTM D7647	>640	33	<u> </u>	71
Particles >21µm		ASTM D7647	>160	5	<u>^</u> 237	4
Particles >38µm		ASTM D7647	>40	0	0	0
Particles >71µm		ASTM D7647	>10	0	0	0
Oil Cleanliness		ISO 4406 (c)	>21/19/16	21/17/12	△ 23/22/18	<u>^</u> 22/20/13
ELLUD DEODADA	TION		Page 16 / Page 24 / Page 2		la facilità de la constitución	histom (O
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: 05829534 : 10443027

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 25 Apr 2023 : WC0802658 Diagnosed : 27 Apr 2023

: Jonathan Hester Diagnostician

Test Package : IND 2 (Additional Tests: PrtCount) 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.

LUBRIZOL ADVANCED MATERIALS INC

207 TELEGRAPH DR GASTONIA, NC US 28056

Contact: TIMOTHY DAVIS timothy.davis@lubrizol.com

T: (704)915-4131 F: x:

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