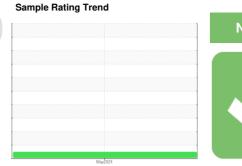


OIL ANALYSIS REPORT

[185116-N2STV4W] **EXT 14**

Gearbox

MOBIL SHC 634 (3 GAL)





Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

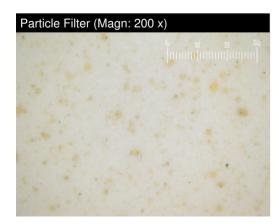
Contamination

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.

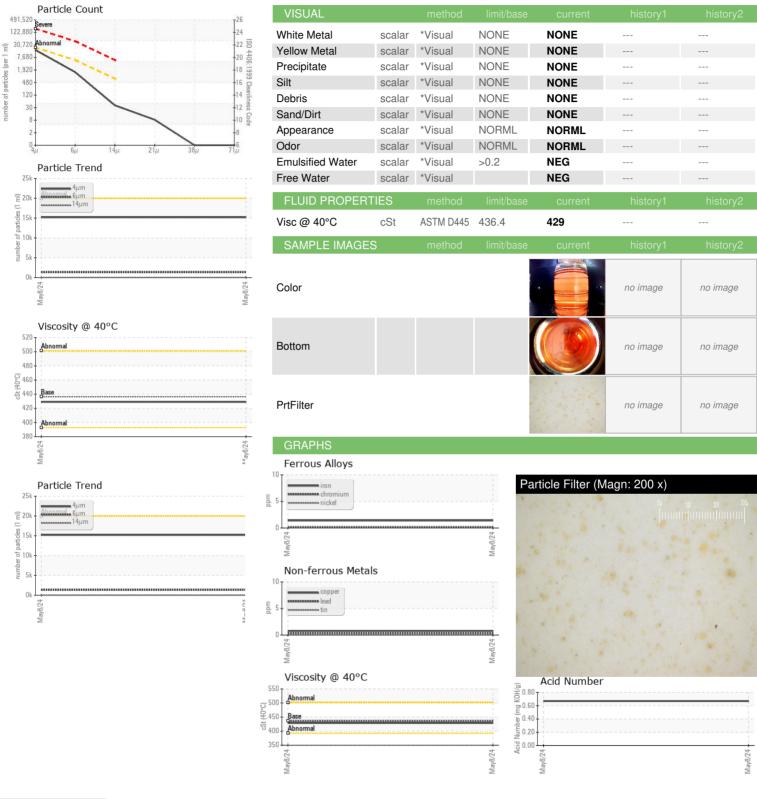
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PH06180134		
Sample Date		Client Info		08 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION	V	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	1		
Chromium	ppm	ASTM D5185m	>15	<1		
Nickel	ppm	ASTM D5185m	>15	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>100	- <1		
Copper	ppm	ASTM D5185m	>200	<1		
Tin	ppm	ASTM D5185m	>25	<1		
Vanadium	ppm	ASTM D5185m	720	<1		
Cadmium	ppm	ASTM D5185m		<1		
	PPIII			·		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		2		
Phosphorus	ppm	ASTM D5185m		448		
Zinc	ppm	ASTM D5185m		6		
Sulfur	ppm	ASTM D5185m		0		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	16		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	1		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	15198		
Particles >6µm		ASTM D7647	>5000	1330		
Particles >14µm		ASTM D7647	>640	34		
Particles >21µm		ASTM D7647	>160	7		
Particles >38µm		ASTM D7647	>40	0		
Particles >71µm		ASTM D7647	>10	0		
Oil Cleanliness		ISO 4406 (c)	>21/19/16	21/18/12		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2



Acid Number (AN) mg KOH/g ASTM D8045



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PH06180134 Lab Number : 06180134

Unique Number : 11031460 Test Package: PLANT (Additional Tests: PrtFilter)

Received **Tested**

: 15 May 2024 Diagnosed

: 18 May 2024 : 18 May 2024 - Jonathan Hester

3077 ROLLIE GATE DR PASO POBLES, CA US 93446

TRELLEBORG HEALTHCARE AND MEDICAL

Contact: DARRYL DRUM DARRYL.DRUM@TRELLEBORG.COM

T: (805)239-4284

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)