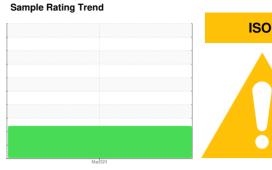


OIL ANALYSIS REPORT

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TOTE 78
Component
New (Unused) Oil

Fluid {not provided} (--- GAL)

DIAGNOSIS

Recommendation

We advise that you filter this fluid before use.

Wear

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

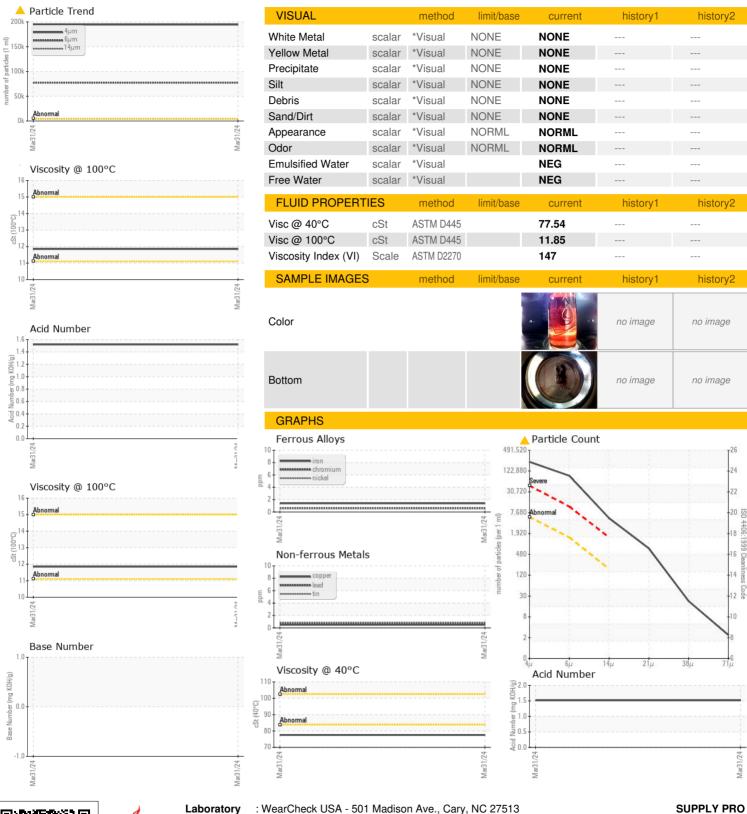
Fluid Condition

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

				Mar2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TLC0001658		
Sample Date		Client Info		31 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>5	1		
Chromium	ppm	ASTM D5185m	>5	<1		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>5	0		
Aluminum	ppm	ASTM D5185m	>5	3		
Lead	ppm	ASTM D5185m	>5	<1		
Copper	ppm	ASTM D5185m	>5	<1		
Tin	ppm	ASTM D5185m	>5	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	nnm	ASTM D5185m		84		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		51		
	ppm	ASTM D5185m		<1		
Manganese Magnesium	ppm	ASTM D5185m		88		
Calcium	ppm	ASTM D5185m		1294		
Phosphorus		ASTM D5185m		674		
Zinc	ppm	ASTM D5185m		768		
Sulfur	ppm	ASTM D5185m		3130		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	8		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	3		
Water	%	ASTM D6304		NEG		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	<u> </u>		
Particles >6µm		ASTM D7647	>1300	<u>77346</u>		
Particles >14μm		ASTM D7647	>160	4647		
Particles >21µm		ASTM D7647	>40	<u>▲</u> 627		
Particles >38μm		ASTM D7647	>10	<u> </u>		
Particles >71μm		ASTM D7647	>3	2		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	<u>\$\text{\scale}\$ 25/23/19</u>		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.52		



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

: TLC0001658 Lab Number : 06134321

Unique Number : 10953786

Diagnosed Test Package: PLANT (Additional Tests: FT-IR, KV100, TBN, VI)

Received

Tested

To discuss this sample report, contact Customer Service at 1-800-237-1369. st - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

: 29 Mar 2024 115 EMPIRE WAY : 08 Apr 2024 ATLANTA, GA : 08 Apr 2024 - Doug Bogart

US 30354 Contact: MICHAEL JACKSON mjackson@supplypro1.com T: (470)991-1693

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Report Id: SUPATLGA [WUSCAR] 06134321 (Generated: 04/08/2024 12:23:49) Rev: 2

Contact/Location: MICHAEL JACKSON - SUPATLGA