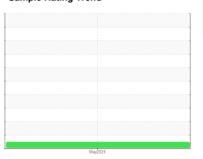


## **OIL ANALYSIS REPORT**

Sample Rating Trend



NORMAL



Machine Id
TOTE 140
Component

Component
New (Unused) Oil

{not provided} (--- GAL)

## DIAGNOSIS

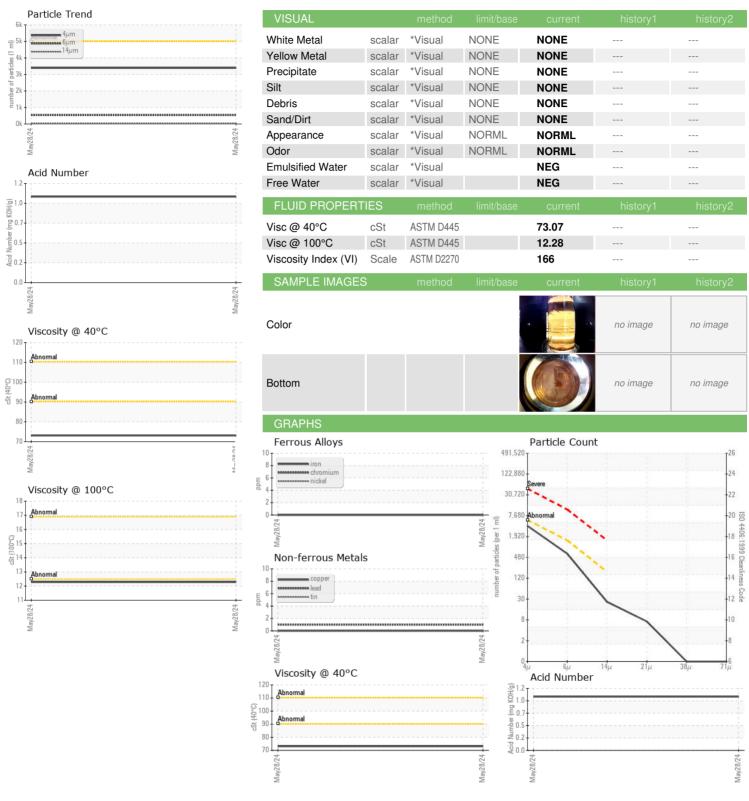
## Recommendation

This is a baseline read-out on the submitted sample.

				May2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TLC0001683		
Sample Date		Client Info		28 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>5	0		
Chromium	ppm	ASTM D5185m	>5	0		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>5	0		
Aluminum	ppm	ASTM D5185m	>5	<1		
_ead	ppm	ASTM D5185m	>5	1		
Copper	ppm	ASTM D5185m	>5	0		
Tin	ppm	ASTM D5185m	>5	0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		57		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		18		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		117		
Calcium	ppm	ASTM D5185m		629		
Phosphorus	ppm	ASTM D5185m		607		
Zinc	ppm	ASTM D5185m		449		
Sulfur	ppm	ASTM D5185m		13584		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	4		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	4		
Water	%	ASTM D6304		NEG		
FLUID CLEANLI	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	3389		
Particles >6µm		ASTM D7647	>1300	537		
Particles >14µm		ASTM D7647	>160	22		
Particles >21µm		ASTM D7647	>40	6		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	19/16/12		
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.04		



## **OIL ANALYSIS REPORT**





Certificate 12367

Laboratory Sample No.

: TLC0001683 Lab Number : 06198125

Unique Number : 11060248

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 03 Jun 2024 **Tested** Diagnosed

: 05 Jun 2024

: 05 Jun 2024 - Jonathan Hester Test Package: PLANT (Additional Tests: FT-IR, ICP-NewOil, KV100, VI)

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

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.

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

Report Id: SUPATLGA [WUSCAR] 06198125 (Generated: 06/06/2024 08:44:18) Rev: 1

Contact/Location: MICHAEL JACKSON - SUPATLGA

**SUPPLY PRO** 

ATLANTA, GA

115 EMPIRE WAY