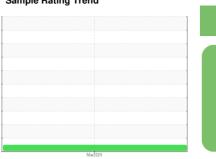


# **OIL ANALYSIS REPORT**

Sample Rating Trend

SAMPLE INFORMATION method limit/ba



**NORMAL** 



Machine Id

# **LEMAS 3191395**

Hydraulic System

MOBIL DTE 25 (10 GAL)

### Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

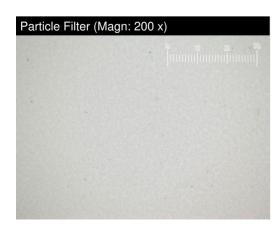
### Contamination

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	ilmit/base	current	nistory i	nistory2
Sample Number		Client Info		PH0001404		
Sample Date		Client Info		15 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	V	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	<1		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	2		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>20	1		
Tin	ppm	ASTM D5185m	>20	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
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		37		
Phosphorus	ppm	ASTM D5185m		253		
Zinc	ppm	ASTM D5185m		359		
Sulfur	ppm	ASTM D5185m		1150		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	4		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	1		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	8930		
Particles >6µm		ASTM D7647	>2500	2289		
Particles >14μm		ASTM D7647	>320	169		
Particles >21μm		ASTM D7647	>80	37		
Particles >38μm		ASTM D7647	>20	2		
Particles >71μm		ASTM D7647	>4	0		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	20/18/15		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	ma KOH/a	4STM D8045		0.38		

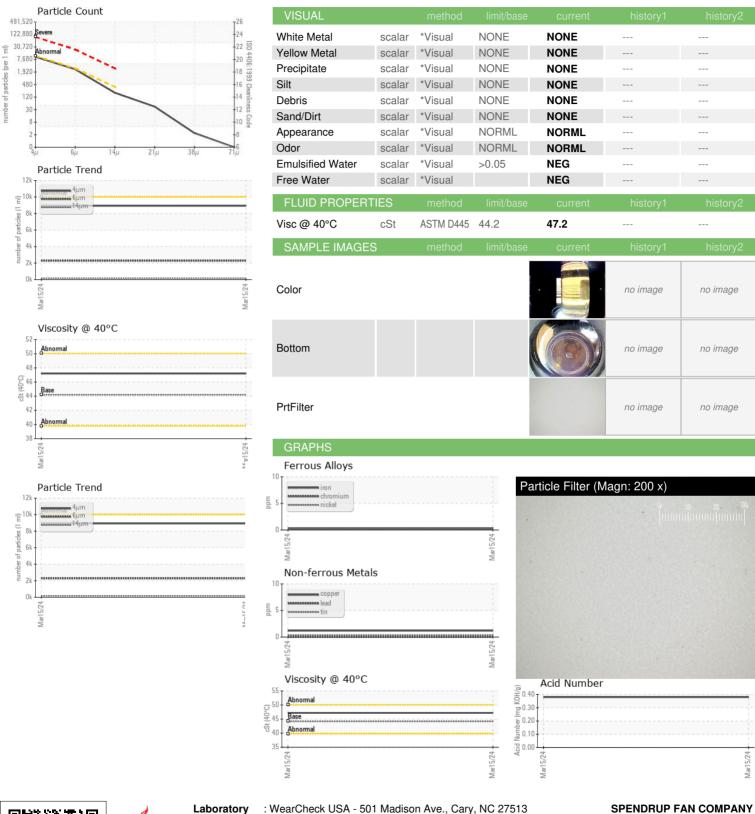


Acid Number (AN) mg KOH/g ASTM D8045

Contact/Location: CLINT DILLINGHAM - SPEGRACO



## **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

: PH0001404 Lab Number : 06157675 Unique Number : 10993098

Diagnosed Test Package: PLANT (Additional Tests: PrtFilter)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Received

**Tested** 

: 23 Apr 2024

: 25 Apr 2024

: 25 Apr 2024 - Jonathan Hester

 $^st$  - 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)

**SPENDRUP FAN COMPANY** 

2768 C 1/2 ROAD GRAND JUNCTION, CO US 81501

Contact: CLINT DILLINGHAM cdillingham@spendrupfanco.com

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