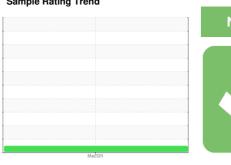


OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id **RONADO 08878**

Hydraulic System

MOBIL DTE 25 (30 GAL)

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

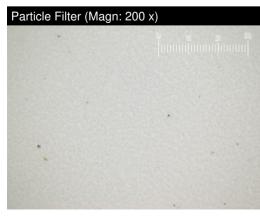
Contamination

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				history2
Sample Number		Client Info		PH0001402		
Sample Date		Client Info		18 Mar 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	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	3		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	<1		
Titanium	ppm	ASTM D5185m	0	<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	2		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>20	2		
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		136		
Phosphorus	ppm	ASTM D5185m		463		
Zinc	ppm	ASTM D5185m		725		
Sulfur	ppm	ASTM D5185m		3534		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	3		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	1		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	2829		
Particles >6µm		ASTM D7647	>2500	741		
Particles >14µm		ASTM D7647	>320	74		
Particles >21µm		ASTM D7647	>80	20		
Particles >38µm		ASTM D7647	>20	1		
Particles >71µm		ASTM D7647	>4	0		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	19/17/13		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	ma KOH/a	ASTM D8045		1 34		



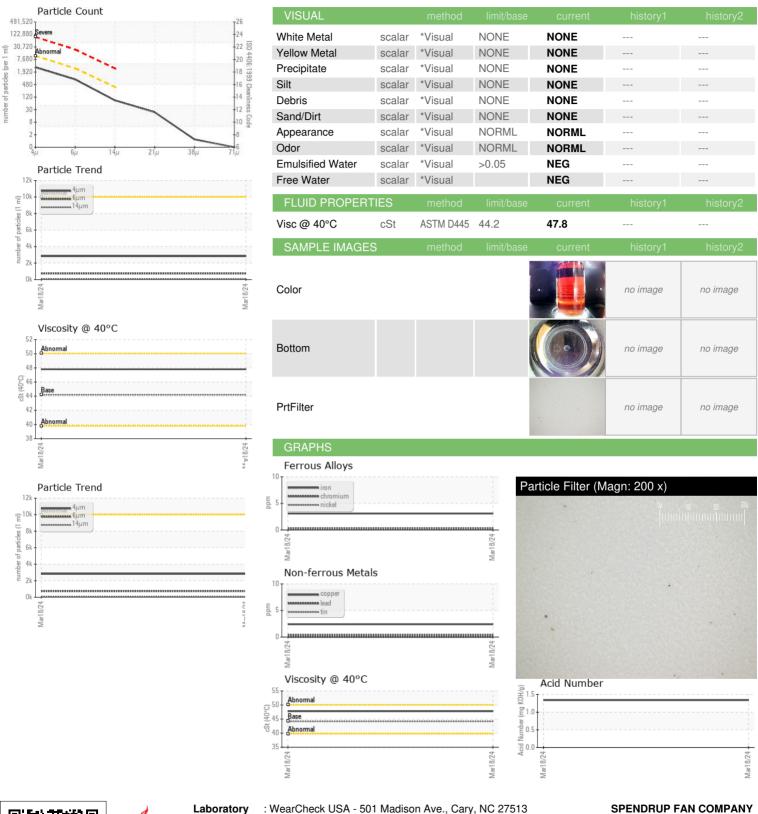
Acid Number (AN) mg KOH/g ASTM D8045

Report Id: SPEGRACO [WUSCAR] 06157676 (Generated: 04/25/2024 14:24:39) Rev: 1

Contact/Location: CLINT DILLINGHAM - SPEGRACO



OIL ANALYSIS REPORT







Certificate 12367

Sample No.

Laboratory

: PH0001402 Lab Number : 06157676

Received **Tested** Unique Number : 10993099 Diagnosed : 23 Apr 2024

: 25 Apr 2024

: 25 Apr 2024 - Jonathan Hester

Test Package: PLANT (Additional Tests: PrtFilter)

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)

SPENDRUP FAN COMPANY

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

Contact: CLINT DILLINGHAM cdillingham@spendrupfanco.com

T: F: