

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id **SYNFILM GT 100**

New (Unused) Oil

ROYAL PURPLE SYNFILM GT 100 (--- GAL)

Recommendation

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

.)		<u>, </u>		Mar2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0871185		
Sample Date		Client Info		28 Mar 2024		
Machine Age	mths	Client Info		0		
Oil Age	mths	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	Ν	method	limit/base	current	history1	history2
Water		WC Method		NEG		
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		
Lead	ppm	ASTM D5185m	>5	0		
Copper	ppm	ASTM D5185m	>5	0		
Tin	ppm	ASTM D5185m	>5	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	90	18		
Calcium	ppm	ASTM D5185m		<1		
Phosphorus	ppm	ASTM D5185m	35	0		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m	18000	21207		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	422		
Particles >6μm		ASTM D7647	>1300	93		
Particles >14μm		ASTM D7647	>160	12		
Particles >21µm		ASTM D7647		2		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647		0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	16/14/11		
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Acid Number (AN)	ma KOH/a	ASTM D8045	0.388	0.22		

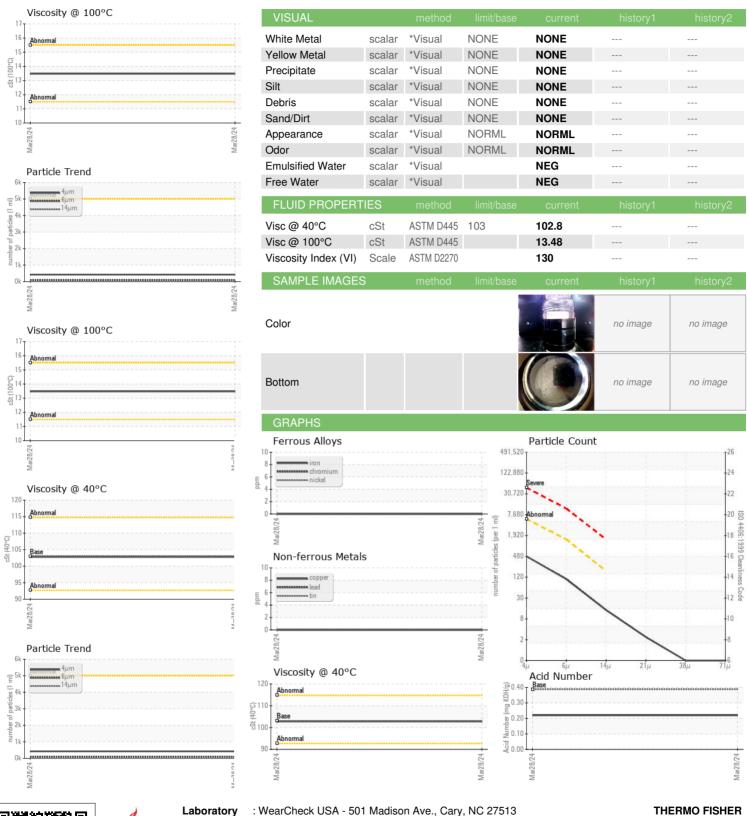
Acid Number (AN)

mg KOH/g ASTM D8045 0.388

Contact/Location: BARRY OLIVER - ROCFLO



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No. Lab Number

: WC0871185

: 06135929 Unique Number : 10955394

Received **Tested** : 04 Apr 2024 - Jonathan Hester Diagnosed

: 01 Apr 2024 : 04 Apr 2024

6173 East Old Marion Highway, Bldg. 806 Florence, SC US 29506

Test Package : IND 2 (Additional Tests: FT-IR, KV100, PrtCount, VI) 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.

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Contact: BARRY OLIVER

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Report Id: ROCFLO [WUSCAR] 06135929 (Generated: 04/05/2024 18:20:56) Rev: 1

Contact/Location: BARRY OLIVER - ROCFLO