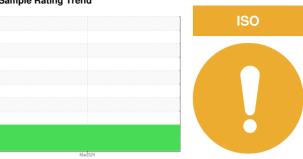


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

ROYAL PURPLE SYNFILM GT 22

New (Unused) Oil

ROYAL PURPLE SYNFILM GT 220 (--- GA

Recommendation

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

Contamination

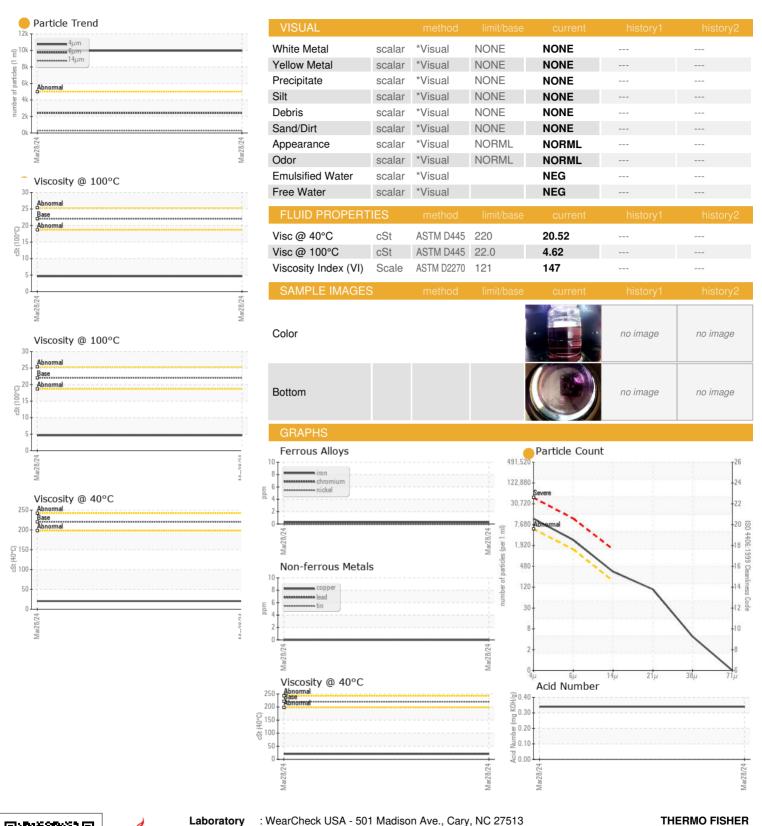
There is a moderate amount of particulates present in the oil.

)				Mar2024		
SAMPLE INFOI	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0871186		
Sample Date		Client Info		28 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
CONTAMINATI	ON	method	limit/base	current	history1	history2
Water		WC Method		NEG		
WEAR METALS	3	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>5	<1		
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	0		
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		0		
Calcium	ppm	ASTM D5185m		141		
Phosphorus	ppm	ASTM D5185m		6		
Zinc	ppm	ASTM D5185m		2		
Sulfur	ppm	ASTM D5185m		20458		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	1		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID CLEANL	INESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	9957		
Particles >6µm		ASTM D7647	>1300	<u>2423</u>		
Particles >14μm		ASTM D7647	>160	296		
Particles >21μm		ASTM D7647	>40	92		
Particles >38μm		ASTM D7647	>10	4		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	20/18/15		
FLUID DEGRAI	DATION	method	limit/base	current	history1	history2
Acid Number (AN)	ma KOH/a	ASTM D8045		0.34		

Acid Number (AN) mg KOH/g ASTM D8045



OIL ANALYSIS REPORT







Report Id: ROCFLO [WUSCAR] 06135927 (Generated: 04/05/2024 18:20:40) Rev: 1

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0871186

Lab Number : 06135927 Unique Number : 10955392

 st - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

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

: 01 Apr 2024 : 04 Apr 2024 6173 East Old Marion Highway, Bldg. 806

Florence, SC US 29506 Contact: SAM MCDOWELL

F: (843)629-4553

Test Package : IND 2 (Additional Tests: FT-IR, KV100, PrtCount, VI) Certificate 12367

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

sam.mcdowell@patheon.com T: (843)629-4042

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

Contact/Location: SAM MCDOWELL - ROCFLO