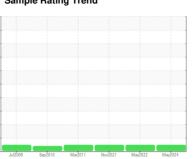


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id **STP PROVER SKID**

Hydraulic System

ROYAL PURPLE SYNFILM 32 (35 GAL)

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

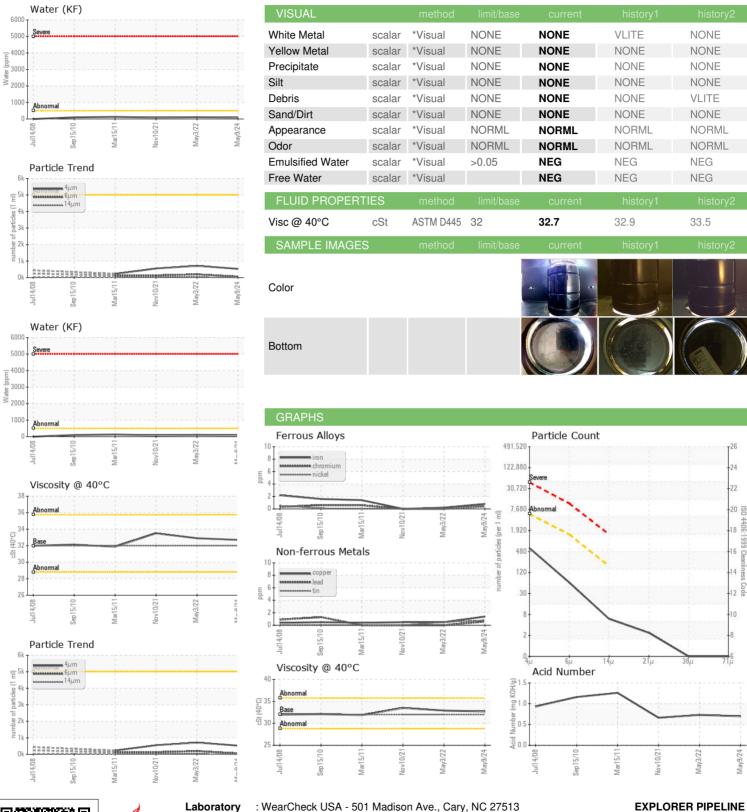
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

		Jul2008	Sep2010 Mar2011	Nov2021 May2022	May2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		RP0002094	RP0002097	RP0001283
Sample Date		Client Info		09 May 2024	03 May 2022	10 Nov 2021
Machine Age	yrs	Client Info		0	0	0
Oil Age	yrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	<1	<1	0
Chromium	ppm	ASTM D5185m	>20	<1	0	0
Nickel	ppm	ASTM D5185m	>20	<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		<1	<1	<1
Aluminum	ppm	ASTM D5185m	>20	2	0	0
Lead	ppm	ASTM D5185m	>20	<1	0	0
Copper	ppm	ASTM D5185m	>20	1	<1	<1
Tin	ppm	ASTM D5185m	>20	<1	<1	0
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	<1	5
Barium	ppm	ASTM D5185m		0	3	0
Molybdenum	ppm	ASTM D5185m		<1	0	0
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m	90	31	25	15
Calcium	ppm	ASTM D5185m		118	116	136
Phosphorus	ppm	ASTM D5185m		476	461	549
Zinc	ppm	ASTM D5185m		581	586	704
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	2	0	<1
Sodium	ppm	ASTM D5185m		2	0	<1
Potassium	ppm	ASTM D5185m	>20	2	0	0
Water	%	ASTM D6304	>0.05	0.008	0.010	0.008
ppm Water	ppm	ASTM D6304	>500	86	109.8	86.2
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	528	709	549
Particles >6µm		ASTM D7647	>1300	55	194	132
Particles >14µm		ASTM D7647	>160	5	23	22
Particles >21μm		ASTM D7647	>40	2	6	11
Particles >38µm		ASTM D7647	>10	0	0	3
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	16/13/10	17/15/12	16/14/12
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.70	0.73	0.663



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No. Lab Number

Unique Number : 11034655 Test Package : IND 2

: RP0002094 : 06183329

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 17 May 2024 **Tested** : 20 May 2024

Diagnosed : 21 May 2024 - Don Baldridge

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)

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