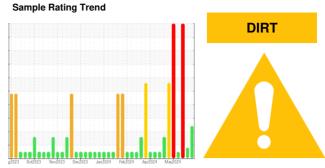


OIL ANALYSIS REPORT





DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please note that this is a corrected copy for laboratory data updates to add PQ.

Wear

The tin level is abnormal.

Contamination

Elemental level of silicon (Si) above normal.

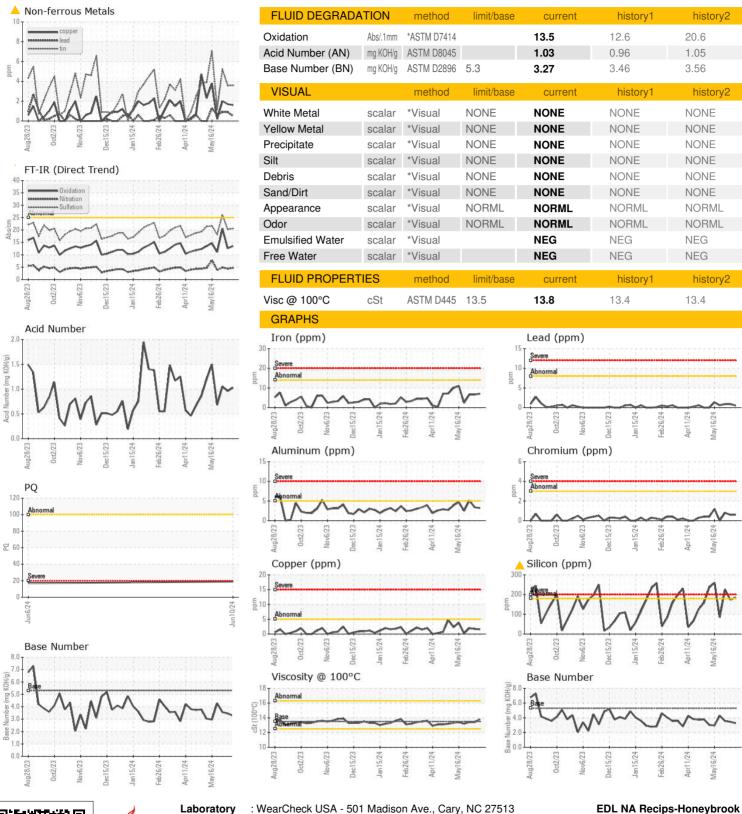
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

G (GAL)						
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0775493	WC0775165	WC0775166
Sample Date		Client Info		10 Jun 2024	06 Jun 2024	29 May 2024
Machine Age	hrs	Client Info		110591	110498	110378
Oil Age	hrs	Client Info		489	393	276
Oil Changed		Client Info		Oil Added	Oil Added	Oil Added
Sample Status				ABNORMAL	ABNORMAL	SEVERE
CONTAMINATION	V	method	limit/base	current	history1	history2
Fuel		WC Method	>4.0	<1.0	<1.0	<1.0
Water		WC Method		NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		19	17	
Iron	ppm	ASTM D5185m	>14	7	7	7
Chromium	ppm	ASTM D5185m	>3	<1	<1	<1
Nickel	ppm	ASTM D5185m		0	0	<1
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>5	3	3	<u> 5</u>
Lead	ppm	ASTM D5185m	>8	<1	<1	<1
Copper	ppm	ASTM D5185m	>5	2	2	2
Tin	ppm	ASTM D5185m	>3	<u>4</u>	<u>4</u>	5
Vanadium	ppm	ASTM D5185m		<1	<1	<1
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		32	30	39
Barium	ppm	ASTM D5185m		0	0	2
Molybdenum	ppm	ASTM D5185m		3	4	9
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		22	19	30
Calcium	ppm	ASTM D5185m		1789	1683	2437
Phosphorus	ppm	ASTM D5185m	300	400	373	600
Zinc	ppm	ASTM D5185m		520	479	736
Sulfur	ppm	ASTM D5185m		4118	3856	5595
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>180	185	174	▲ 226
Sodium	ppm	ASTM D5185m	>20	2	3	<1
Potassium	ppm	ASTM D5185m	>20	<1	<1	2
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1	0.1	0.1
Nitration	Abs/cm	*ASTM D7624		4.7	4.4	4.9
Sulfation	Abs/.1mm	*ASTM D7415		20.6	20.2	26.1



OIL ANALYSIS REPORT







Certificate 12367

Laboratory

Sample No. Lab Number

: WC0775493 : 06207996 Unique Number: 11075457

Test Package : MOB 2 (Additional Tests: PQ)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 12 Jun 2024

Tested : 14 Jun 2024 Diagnosed : 19 Jun 2024 - Jonathan Hester

Honey Brook Powerstation, 481 S. Churchtown Road Narvon, PA US 17555-9574

Contact: Christian Adames Christian.Adames@edlenergy.com

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)

T:

F: