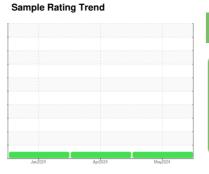


# **OIL ANALYSIS REPORT**







## 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

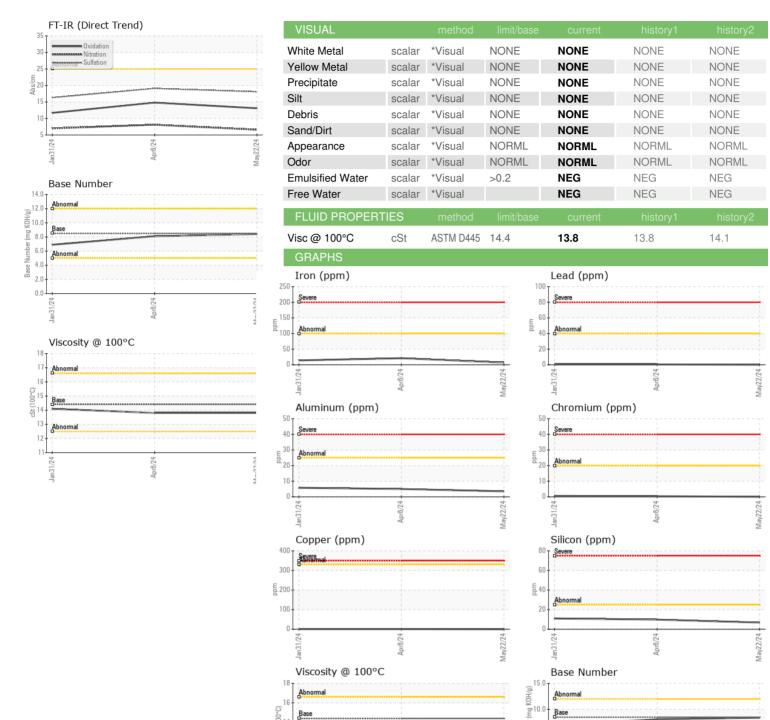
## **Fluid Condition**

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0941218	WC0858470	WC0900080
Sample Date		Client Info		22 May 2024	08 Apr 2024	31 Jan 2024
Machine Age	hrs	Client Info		30313	30042	29546
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATION method		limit/base	current	history1	history2	
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	7	21	14
Chromium	ppm	ASTM D5185m	>20	0	<1	<1
Nickel	ppm	ASTM D5185m	>2	0	0	0
Titanium	ppm	ASTM D5185m	>2	0	0	<1
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>25	4	5	6
Lead	ppm	ASTM D5185m	>40	0	<1	<1
Copper	ppm	ASTM D5185m	>330	0	<1	<1
Tin	ppm	ASTM D5185m	>15	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	250	5	7	4
Barium	ppm	ASTM D5185m	10	0	0	0
Molybdenum	ppm	ASTM D5185m	100	51	54	56
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m	450	798	814	884
Calcium	ppm	ASTM D5185m	3000	1087	1227	1155
Phosphorus	ppm	ASTM D5185m	1150	964	1009	1005
Zinc	ppm	ASTM D5185m	1350	1170	1180	1241
Sulfur	ppm	ASTM D5185m	4250	3520	3720	3147
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	7	10	11
Sodium	ppm	ASTM D5185m	>216	1	4	3
Potassium	ppm	ASTM D5185m	>20	1	22	6
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.4	0.5	0.2
Nitration	Abs/cm	*ASTM D7624	>20	6.6	8.1	7.0
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.1	19.1	16.3
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	13.1	14.8	11.7
				8.4	8.1	



# **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

: WC0941218 Lab Number : 06199863 Unique Number : 11061986

100

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

Received **Tested** 

: 06 Jun 2024 Diagnosed : 06 Jun 2024 - Wes Davis

: 05 Jun 2024

Test Package : MOB 1 ( Additional Tests: TBN ) 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)

**INTERSTATE WASTE-NEWARK** 

110 EVERGREEN AVE, BAY 3 NEWARK, NJ

US 07114

Contact: Robert Witynski RWitynski@interstatewaste.com

T: F: