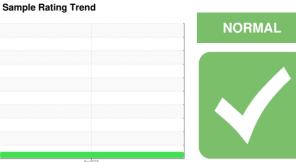


OIL ANALYSIS REPORT





Machine Id **MACK 231** Diesel Engine

DIESEL ENGINE OIL S

DIAGNOSIS

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

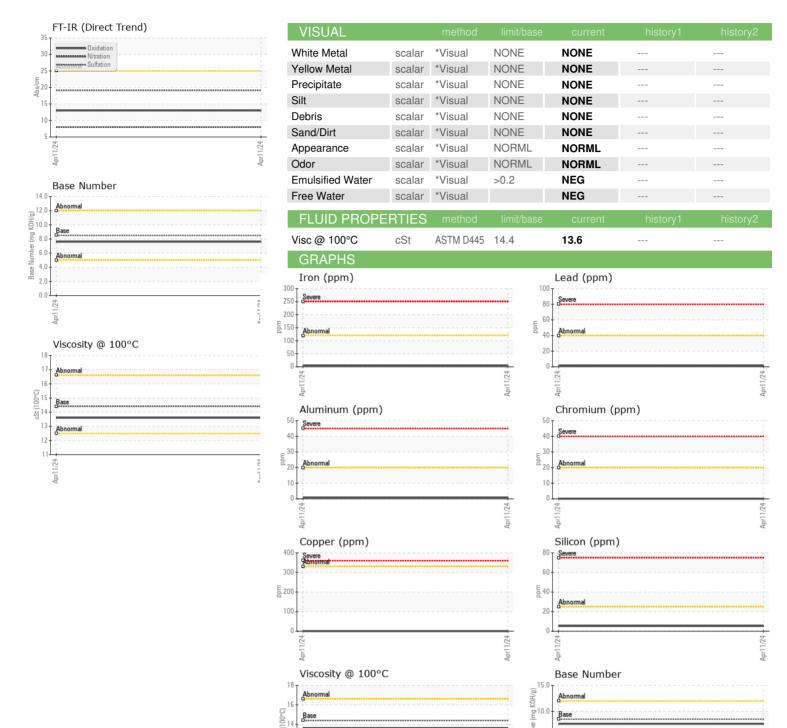
Fluid Condition

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

AE 15W40 (G	AL)			Apr2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0074601		
Sample Date		Client Info		11 Apr 2024		
Machine Age	hrs	Client Info		4100		
Oil Age	hrs	Client Info		350		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
uel		WC Method	>3.0	<1.0		
Vater		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	.S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>120	5		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>5	<1		
Fitanium	ppm	ASTM D5185m	>2	19		
Silver	ppm	ASTM D5185m	>2	<1		
Aluminum	ppm	ASTM D5185m	>20	<1		
_ead	ppm	ASTM D5185m	>40	1		
Copper	ppm	ASTM D5185m	>330	<1		
Γin	ppm	ASTM D5185m	>15	<1		
/anadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	250	92		
Barium	ppm	ASTM D5185m	10	0		
Molybdenum	ppm	ASTM D5185m	100	8		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	450	747		
Calcium	ppm	ASTM D5185m	3000	1627		
Phosphorus	ppm	ASTM D5185m	1150	1152		
Zinc	ppm	ASTM D5185m	1350	1386		
Sulfur	ppm	ASTM D5185m	4250	4868		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	5		
Sodium	ppm	ASTM D5185m	>158	3		
Potassium	ppm	ASTM D5185m	>20	3		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>4	0.2		
Nitration	Abs/cm	*ASTM D7624	>20	8.0		
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.1		
FLUID DEGRAI	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	13.0		



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: PCA0074601 Lab Number : 06188866 Unique Number : 11045618

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 23 May 2024 **Tested** : 24 May 2024

Diagnosed

: 24 May 2024 - Wes Davis Test Package : MOB 1 (Additional Tests: TBN)

0.0

DIXMOOR, IL US 60426 Contact: Service Manager

TRI-STATE DISPOSAL

14050 WOOD ST

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

* - 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)

F: Contact/Location: Service Manager - TRIDIX

T: