

OIL ANALYSIS REPORT



Sample Rating Trend







Machine Id MACK GR64B 431 (S/N 880744)

Diesel Engine

DIESEL ENGINE OIL S

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

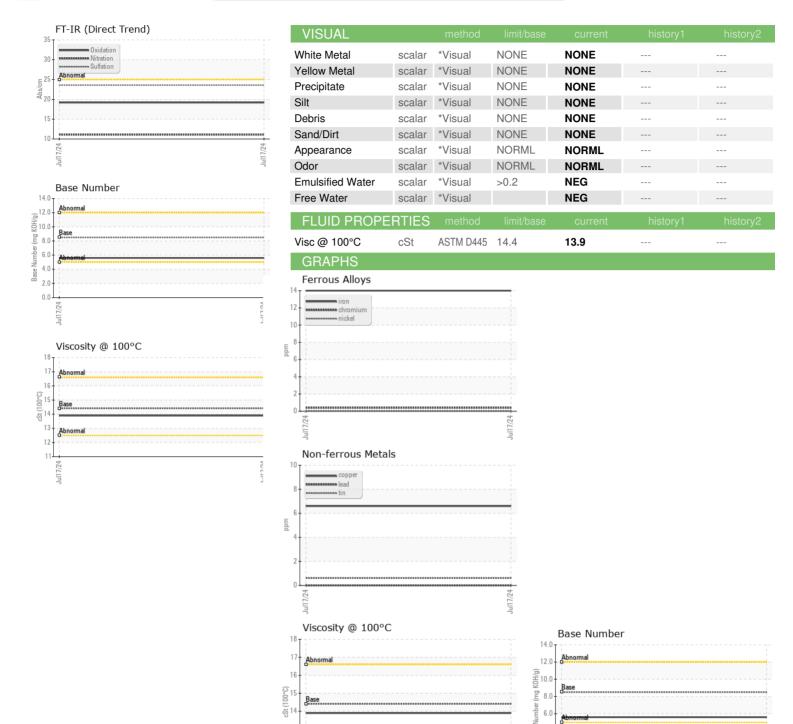
Fluid Condition

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

AE 40 (GAL)				Jul2024		
,	MATION					
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0124980		
Sample Date		Client Info		17 Jul 2024		
Machine Age	hrs	Client Info		1040		
Oil Age	hrs	Client Info		833		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
-uel		WC Method	>3.0	<1.0		
Nater		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	.S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>120	14		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>5	0		
Γitanium	ppm	ASTM D5185m	>2	60		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>20	2		
_ead	ppm	ASTM D5185m	>40	0		
Copper	ppm	ASTM D5185m	>330	7		
Гin	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	24		
Barium	ppm	ASTM D5185m	10	0		
Molybdenum	ppm	ASTM D5185m	100	19		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	450	582		
Calcium	ppm	ASTM D5185m	3000	1594		
Phosphorus	ppm	ASTM D5185m	1150	993		
Zinc	ppm	ASTM D5185m	1350	1199		
Sulfur	ppm	ASTM D5185m	4250	4244		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	7		
Sodium	ppm	ASTM D5185m	>216	5		
Potassium	ppm	ASTM D5185m	>20	3		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>4	0.1		
Nitration	Abs/cm	*ASTM D7624	>20	11.1		
Sulfation	Abs/.1mm	*ASTM D7415	>30	23.6		
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Out death and	A la a / d	*ASTM D7414	>25	10.0		
Oxidation	Abs/.1mm	A311VI D7414	>20	19.2		



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Certificate 12367

Laboratory Sample No.

Lab Number : 06239679

: PCA0124980 Unique Number : 11128513 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 17 Jul 2024

Tested Diagnosed

: 18 Jul 2024 : 18 Jul 2024 - Wes Davis

Base 2.0 0.0

> **SCRUGGS CONCRETE CO** 807 RIVER ST VALDOSTA, GA US 31601 Contact: D ALTMAN

DALTMAN@SCRUGGSCONCRETE.COM

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) T:

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