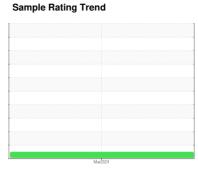


OIL ANALYSIS REPORT



NORMAL



Machine Id **SS-39** Diesel Engine

DIESEL ENGINE OIL SAE 40 (--- GAL)

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

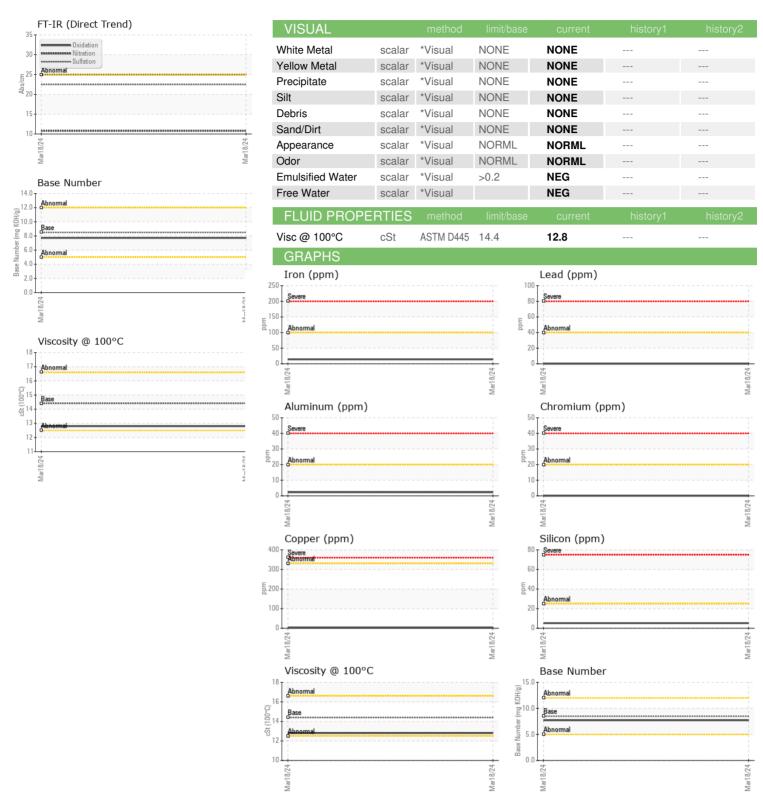
Fluid Condition

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

				Mar2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA06138738		
Sample Date		Client Info		18 Mar 2024		
Machine Age	hrs	Client Info		2581		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	.S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>100	14		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>4	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>20	2		
Lead	ppm	ASTM D5185m	>40	0		
Copper	ppm	ASTM D5185m	>330	2		
Tin	ppm	ASTM D5185m	>15	0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	250	2		
Barium	ppm	ASTM D5185m	10	0		
Molybdenum	ppm	ASTM D5185m	100	53		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	450	815		
Calcium	ppm	ASTM D5185m	3000	1036		
Phosphorus	ppm	ASTM D5185m	1150	832		
Zinc	ppm	ASTM D5185m	1350	1127		
Sulfur	ppm	ASTM D5185m	4250	3193		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	5		
Sodium	ppm	ASTM D5185m	>216	2		
Potassium	ppm	ASTM D5185m	>20	0		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.3		
Nitration	Abs/cm	*ASTM D7624	>20	10.8		
Sulfation	Abs/.1mm	*ASTM D7415	>30	22.5		
FLUID DEGRAI	OITAC	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	25.0		
Base Number (BN)	mg KOH/g	ASTM D2896	8.5	7.72		



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

Lab Number : 06138738

Test Package : MOB 2

: PCA06138738 Unique Number : 10963546

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 04 Apr 2024 Tested

Diagnosed

: 06 Apr 2024 - Don Baldridge

: 05 Apr 2024

US 60406 Contact: LAURA PEREZ lperez@scrapmetalservices.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) Contact/Location: LAURA PEREZ - SCRBLUIL

SCRAP METAL SERVICES NON-FERROUS DIVISION

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BLUE ISLAND, IL

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