

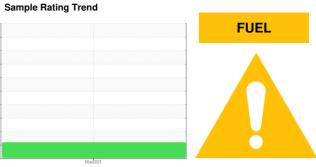
OIL ANALYSIS REPORT



Machine Id MACK GU713 227 (S/N 7GM031233)

Diesel Engine

PETRO CANADA 15W4



DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

All component wear rates are normal.

Contamination

There is a moderate amount of fuel present in the oil. Tests confirm the presence of fuel in the oil.

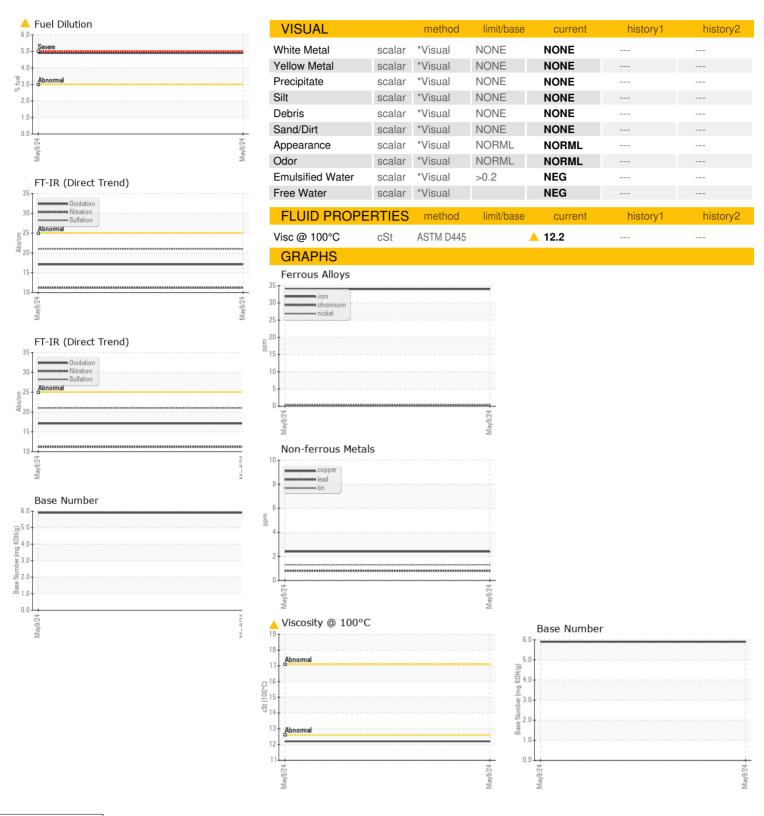
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

10 (GAL)				May2024		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0124977		
Sample Date		Client Info		09 May 2024		
Machine Age	mls	Client Info		141130		
	mls	Client Info		12820		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
CONTAMINATIO	NC	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS	3	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>120	34		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>5	<1		
Γitanium	ppm	ASTM D5185m	>2	7		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>20	3		
_ead	ppm	ASTM D5185m	>40	<1		
Copper	ppm	ASTM D5185m	>330	2		
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		20		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		65		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		762		
Calcium	ppm	ASTM D5185m		1117		
Phosphorus	ppm	ASTM D5185m		983		
Zinc	ppm	ASTM D5185m		1125		
Sulfur	ppm	ASTM D5185m		3069		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	6		
Sodium	ppm	ASTM D5185m		4		
Potassium	ppm	ASTM D5185m	>20	5		
Fuel	%	ASTM D3524	>3.0	4.9		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>4	0.5		
Nitration	Abs/cm	*ASTM D7624	>20	11.2		
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.0		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.1		
	mg KOH/g	ASTM D2896		5.9		
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OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

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

: PCA0124977 Lab Number : 06202270 Unique Number : 11069731

Received **Tested** Diagnosed

: 06 Jun 2024 : 10 Jun 2024

: 10 Jun 2024 - Wes Davis Test Package: FLEET (Additional Tests: FuelDilution, PercentFuel)

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

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)

Report Id: SCRVAL [WUSCAR] 06202270 (Generated: 06/10/2024 17:14:41) Rev: 1

Contact/Location: D ALTMAN - SCRVAL

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