

OIL ANALYSIS REPORT

SAMPLE INFC Sample Number

Sample Date Machine Age

Sample Status

CONTAMINAT

Oil Age Oil Changed

Fuel

Water

Glycol

Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium Cadmium

Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur

Silicon Sodium

Potaccium

Area **CONSTRUCTORS, INC** 090778

Diesel Engine Fluic

MOBIL DELVAC 1300 SUPER 10W30 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

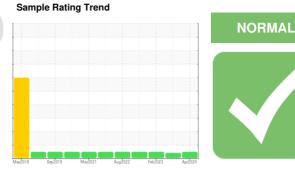
All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

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.



		May2018	Sep2019 May2021	Aug2022 Feb2023	Apr2024	
DRN	IATION	method	limit/base	current	history1	history2
		Client Info		SBP0005754	SBP0004774	SBP0002339
		Client Info		03 Apr 2024	19 Jul 2023	07 Feb 2023
	hrs	Client Info		11457	11098	9841
	hrs	Client Info		359	760	795
		Client Info		Changed	Changed	Changed
				NORMAL	ATTENTION	NORMAL
101	N	method	limit/base	current	history1	history2
		WC Method	>5	<1.0	<1.0	<1.0
		WC Method	>0.2	NEG	NEG	NEG
		WC Method		NEG	NEG	NEG
_S		method	limit/base	current	history1	history2
	ppm	ASTM D5185m	>100	16	17	20
	ppm	ASTM D5185m	>20	1	<1	<1
	ppm	ASTM D5185m	>4	1	0	0
	ppm	ASTM D5185m		1	<1	0
	ppm	ASTM D5185m	>3	0	0	0
	ppm	ASTM D5185m	>20	3	2	0
	ppm	ASTM D5185m	>40	1	0	0
	ppm	ASTM D5185m	>330	2	1	<1
	ppm	ASTM D5185m	>15	1	0	0
	ppm	ASTM D5185m		<1	<1	0
	ppm	ASTM D5185m		<1	0	0
		method	limit/base	current	history1	history2
	ppm	ASTM D5185m		44	39	0
	ppm	ASTM D5185m		<1	0	0
	ppm	ASTM D5185m		40	46	63
	ppm	ASTM D5185m		1	<1	<1
	ppm	ASTM D5185m		557	642	954
	ppm	ASTM D5185m		1678	1730	1119
	ppm	ASTM D5185m		868	812	1021
	ppm	ASTM D5185m		1020	1044	1276
	ppm	ASTM D5185m		2885	2974	2992
NTS		method	limit/base	current	history1	history2
	ppm	ASTM D5185m	>25	6	4	4
	ppm	ASTM D5185m		4	4	<1
				-		

FoldSSium	ррш	ASTIVI DOTODITI	>20	2	0	I
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.2	0.3	0.2
Nitration	Abs/cm	*ASTM D7624	>20	11.7	13.9	6.8
Sulfation	Abs/.1mm	*ASTM D7415	>30	23.0	25.3	22.0
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	26.5	31.7	15.2
Base Number (BN)	mg KOH/g	ASTM D2896	10.5	8.1	8.1	8.8

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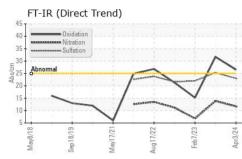
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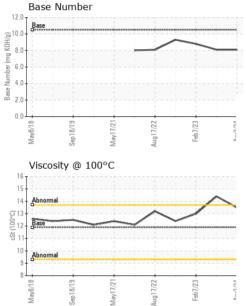
ASTM D5185m > 20

nnm



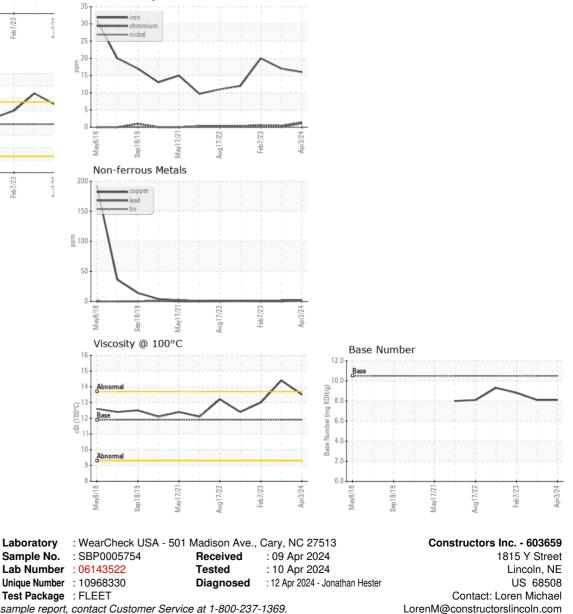
OIL ANALYSIS REPORT





VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT		method	limit/base	current	history1	history2
		method	iiiiii/base	current	Thistory I	THSTOLYZ
Visc @ 100°C	cSt	ASTM D445	11.9	13.5	14.4	13.0
GRAPHS						

Ferrous Alloys



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)

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Certificate 12367

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