



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	ATTENTION

Machine Id
LINKBELT ROZELL
Component
Diesel Engine
Fluid
DIESEL ENGINE OIL SAE 15W40 (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. Resample at the next service interval to monitor. Please note that there was too much water present in the oil to perform an accurate viscosity test.

WEAR

All component wear rates are normal.

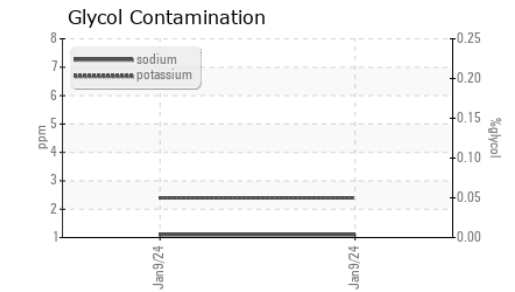
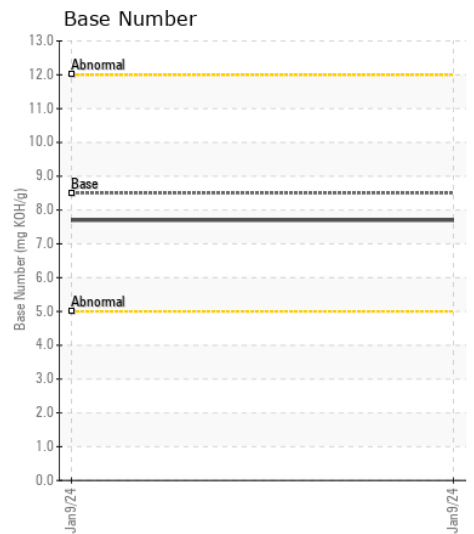
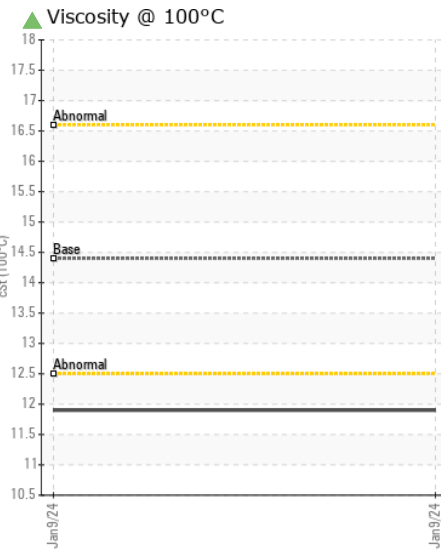
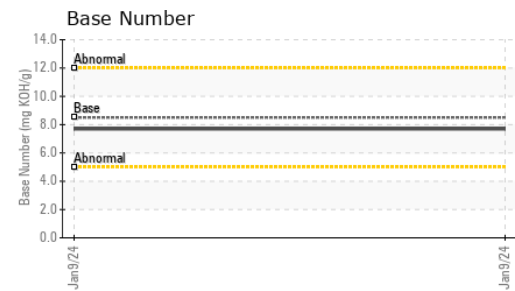
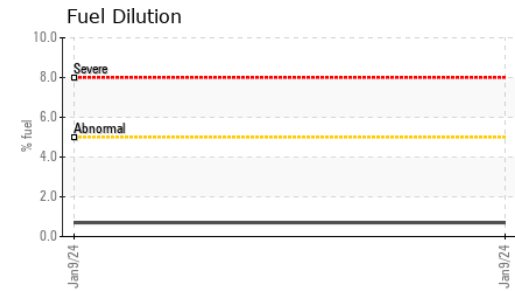
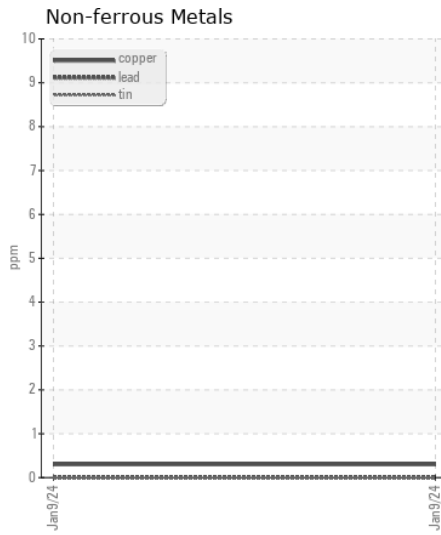
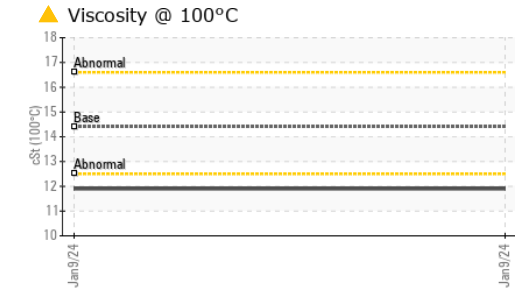
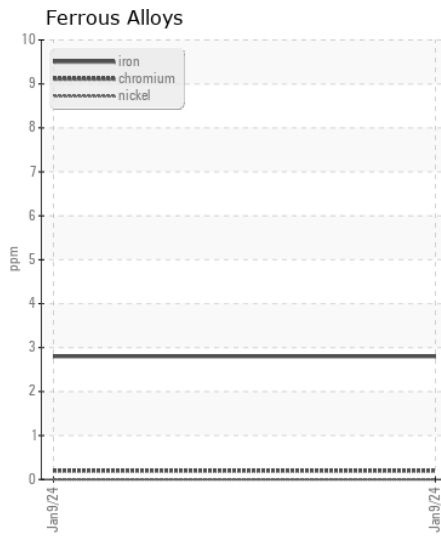
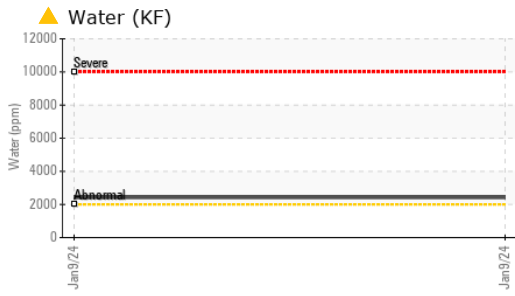
CONTAMINATION

Fuel content negligible. There is a light concentration of water present in the oil.

FLUID CONDITION

The BN result indicates that there is suitable alkalinity remaining in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0783520	---	---
Sample Date		Client Info		09 Jan 2024	---	---
Machine Age	hrs	Client Info		5665	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185m	>100	3	---	---
Chromium	ppm	ASTM D5185m	>20	<1	---	---
Nickel	ppm	ASTM D5185m	>4	0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m	>3	0	---	---
Aluminum	ppm	ASTM D5185m	>20	4	---	---
Lead	ppm	ASTM D5185m	>40	0	---	---
Copper	ppm	ASTM D5185m	>330	<1	---	---
Tin	ppm	ASTM D5185m	>15	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>25	3	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Fuel	%	ASTM D3524	>5	0.7	---	---
Water	%	ASTM D6304	>0.2	▲ 0.242	---	---
ppm Water	ppm	ASTM D6304	>2000	▲ 2420	---	---
Glycol	%	*ASTM D2982		NEG	---	---
Soot %	%	*ASTM D7844	>3	0.1	---	---
Nitration	Abs/cm	*ASTM D7624	>20	8.1	---	---
Sulfation	Abs/.1mm	*ASTM D7415	>30	17.5	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	▲ 0.2%	---	---
Sodium	ppm	ASTM D5185m	>158	1	---	---
Boron	ppm	ASTM D5185m	250	86	---	---
Barium	ppm	ASTM D5185m	10	0	---	---
Molybdenum	ppm	ASTM D5185m	100	89	---	---
Manganese	ppm	ASTM D5185m		0	---	---
Magnesium	ppm	ASTM D5185m	450	18	---	---
Calcium	ppm	ASTM D5185m	3000	2176	---	---
Phosphorus	ppm	ASTM D5185m	1150	1025	---	---
Zinc	ppm	ASTM D5185m	1350	1207	---	---
Sulfur	ppm	ASTM D5185m	4250	4105	---	---
Oxidation	Abs/.1mm	*ASTM D7414	>25	13.5	---	---
Base Number (BN)	mg KOH/g	ASTM D2896	8.5	7.7	---	---
Visc @ 100°C	cSt	ASTM D445	14.4	▲ 11.9	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0783520 **Received** : 10 Jan 2024
Lab Number : 06057263 **Diagnosed** : 15 Jan 2024
Unique Number : 10823212 **Diagnostician** : Jonathan Hester

CONTRACTORS SALES COMPANY INC.
 PO BOX 12010
 ALBANY, NY
 US 12212

Test Package : CONST (Additional Tests: FuelDilution, Glycol, KF, PercentFuel, TBN) **Contact:** MIKE STEVENS
 mstevens@contractorssales.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)

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