



# ASCENDUM

## OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area

**Ascendum Machinery/250 Hour CSA**

Machine Id

**KLEEMANN KT 80-2 2246 (S/N Z008.0640/173151-FSC-T-80-2020)**

Component

**Left Final Drive**

Fluid

**NOT GIVEN (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

### WEAR

All component wear rates are normal.

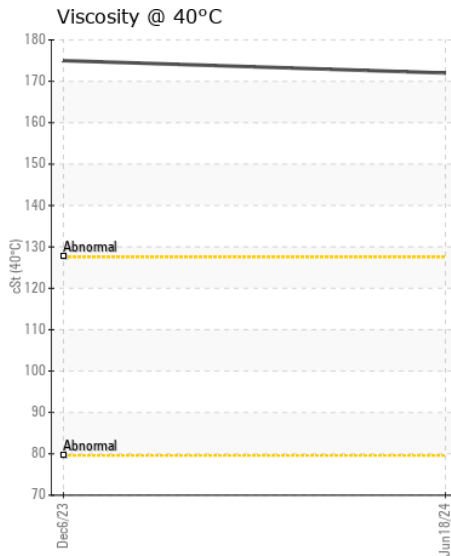
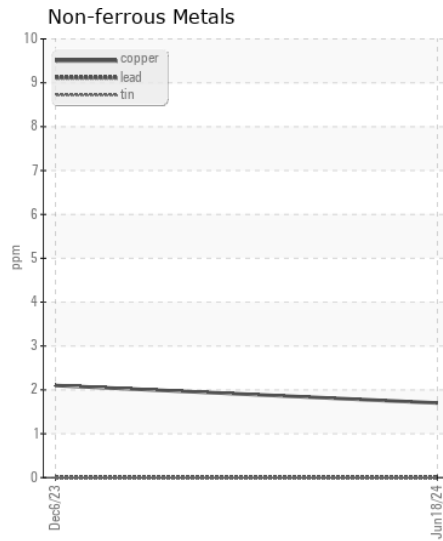
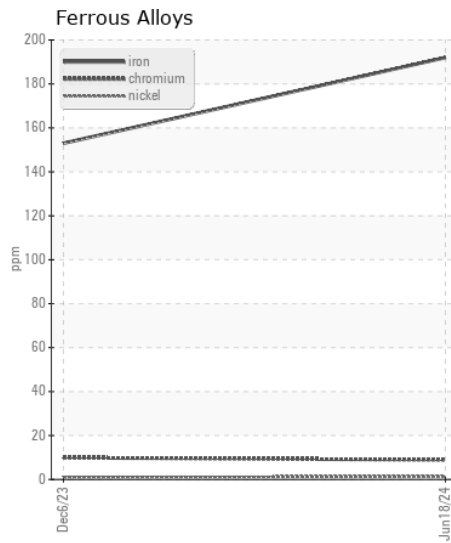
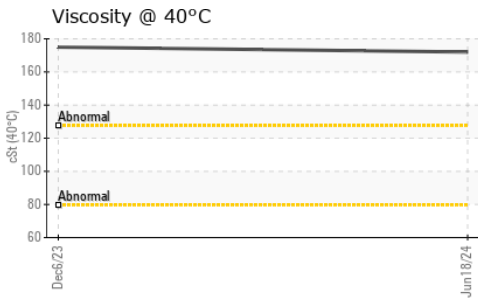
### CONTAMINATION

There is no indication of any contamination in the oil.

### FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>ASC0009744</b>	ASC0005114	---
Sample Date		Client Info		<b>18 Jun 2024</b>	06 Dec 2023	---
Machine Age	hrs	Client Info		<b>958</b>	0	---
Oil Age	hrs	Client Info		<b>958</b>	0	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Filter Changed		Client Info		<b>None</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---
Iron	ppm	ASTM D5185m	>500	<b>192</b>	153	---
Chromium	ppm	ASTM D5185m	>10	<b>9</b>	10	---
Nickel	ppm	ASTM D5185m	>10	<b>1</b>	1	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>5</b>	1	---
Lead	ppm	ASTM D5185m	>25	<b>0</b>	0	---
Copper	ppm	ASTM D5185m	>50	<b>2</b>	2	---
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silicon	ppm	ASTM D5185m	>75	<b>23</b>	4	---
Potassium	ppm	ASTM D5185m	>20	<b>11</b>	11	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	---
Sodium	ppm	ASTM D5185m		<b>8</b>	8	---
Boron	ppm	ASTM D5185m		<b>5</b>	2	---
Barium	ppm	ASTM D5185m		<b>2</b>	2	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	---
Manganese	ppm	ASTM D5185m		<b>8</b>	8	---
Magnesium	ppm	ASTM D5185m		<b>&lt;1</b>	2	---
Calcium	ppm	ASTM D5185m		<b>76</b>	87	---
Phosphorus	ppm	ASTM D5185m		<b>292</b>	323	---
Zinc	ppm	ASTM D5185m		<b>62</b>	64	---
Sulfur	ppm	ASTM D5185m		<b>30372</b>	30355	---
Visc @ 40°C	cSt	ASTM D445		<b>172</b>	175	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ASC0009744  
**Lab Number** : 06217152  
**Unique Number** : 11090016  
**Test Package** : CONST

**Received** : 21 Jun 2024  
**Tested** : 24 Jun 2024  
**Diagnosed** : 24 Jun 2024 - Wes Davis

**TRIANGLE GRADING AND PAVING INC**  
 1521 Huffman Mill Rd  
 BURLINGTON, NC  
 US 27216

Contact: KAREN HILLIARD  
 khilliard@trianglegradingpaving.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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