



# ASCENDUM

## OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

### Ascendum Machinery/250 Hour CSA

Machine Id

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

Component

### Right Final Drive

Fluid

### NOT GIVEN (--- GAL)

#### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0009742	ASC0005066	---
Sample Date		Client Info		18 Jun 2024	06 Dec 2023	---
Machine Age	hrs	Client Info		958	0	---
Oil Age	hrs	Client Info		958	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		None	N/A	---
Sample Status				NORMAL	NORMAL	---

#### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	180	138	---
Chromium	ppm	ASTM D5185m	>10	11	9	---
Nickel	ppm	ASTM D5185m	>10	2	<1	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	2	1	---
Lead	ppm	ASTM D5185m	>25	0	0	---
Copper	ppm	ASTM D5185m	>50	2	2	---
Tin	ppm	ASTM D5185m	>10	<1	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

#### CONTAMINATION

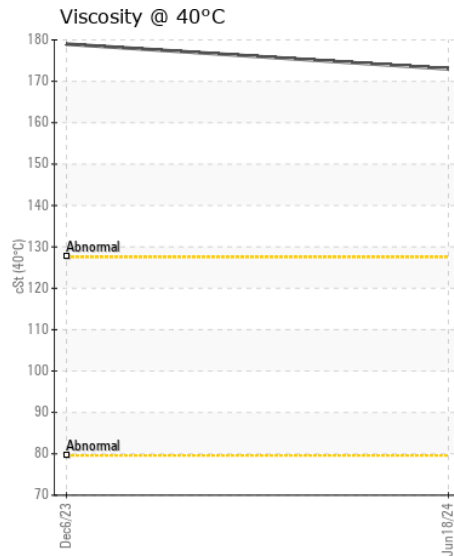
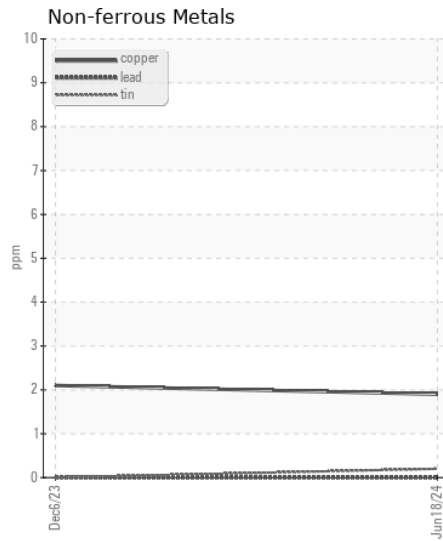
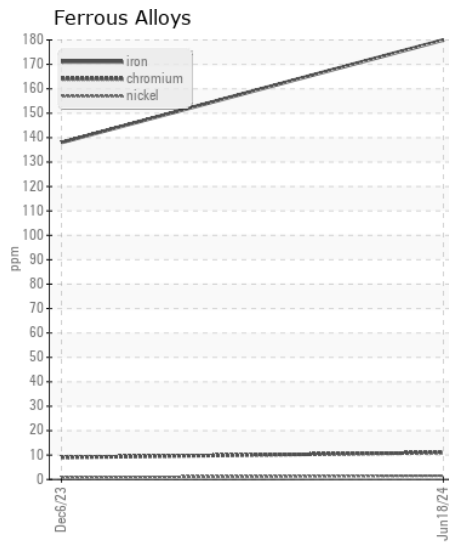
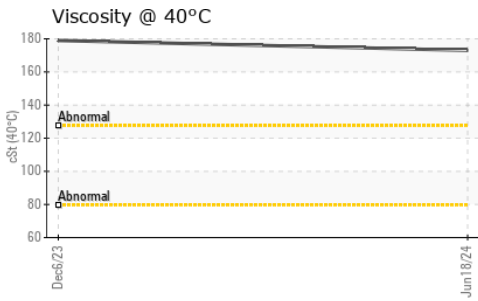
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	6	4	---
Potassium	ppm	ASTM D5185m	>20	13	9	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	LIGHT	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---

#### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		10	10	---
Boron	ppm	ASTM D5185m		2	3	---
Barium	ppm	ASTM D5185m		4	3	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		9	7	---
Magnesium	ppm	ASTM D5185m		<1	2	---
Calcium	ppm	ASTM D5185m		95	88	---
Phosphorus	ppm	ASTM D5185m		348	322	---
Zinc	ppm	ASTM D5185m		79	53	---
Sulfur	ppm	ASTM D5185m		37022	30701	---
Visc @ 40°C	cSt	ASTM D445		173	179	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ASC0009742  
**Lab Number** : 06217153  
**Unique Number** : 11090017  
**Test Package** : CONST

**Received** : 21 Jun 2024  
**Tested** : 24 Jun 2024  
**Diagnosed** : 24 Jun 2024 - Sean Felton

**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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