



# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**DANIS IND. CORP. BLDG.**  
 Machine Id  
**LINK-BELT RTC-8065S II J9L1-6881**  
 Component  
**Rear Right Planetary**  
 Fluid  
**GEAR OIL SAE 85W140 (--- GAL)**



## DIAGNOSIS

### 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.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>LBC0000191</b>	---	---
Sample Date	Client Info	<b>05 Jan 2024</b>	---	---
Machine Age	hrs Client Info	<b>1888</b>	---	---
Oil Age	hrs Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>Changed</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.2	<b>NEG</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >500	<b>16</b>	---	---
Chromium	ppm ASTM D5185m >10	<b>&lt;1</b>	---	---
Nickel	ppm ASTM D5185m >10	<b>0</b>	---	---
Titanium	ppm ASTM D5185m	<b>0</b>	---	---
Silver	ppm ASTM D5185m	<b>0</b>	---	---
Aluminum	ppm ASTM D5185m >25	<b>2</b>	---	---
Lead	ppm ASTM D5185m >25	<b>0</b>	---	---
Copper	ppm ASTM D5185m >75	<b>4</b>	---	---
Tin	ppm ASTM D5185m >10	<b>0</b>	---	---
Vanadium	ppm ASTM D5185m	<b>0</b>	---	---
Cadmium	ppm ASTM D5185m	<b>0</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m 400	<b>343</b>	---	---
Barium	ppm ASTM D5185m 200	<b>0</b>	---	---
Molybdenum	ppm ASTM D5185m 12	<b>0</b>	---	---
Manganese	ppm ASTM D5185m	<b>0</b>	---	---
Magnesium	ppm ASTM D5185m 12	<b>0</b>	---	---
Calcium	ppm ASTM D5185m 150	<b>1</b>	---	---
Phosphorus	ppm ASTM D5185m 1650	<b>1067</b>	---	---
Zinc	ppm ASTM D5185m 125	<b>0</b>	---	---
Sulfur	ppm ASTM D5185m 22500	<b>24541</b>	---	---

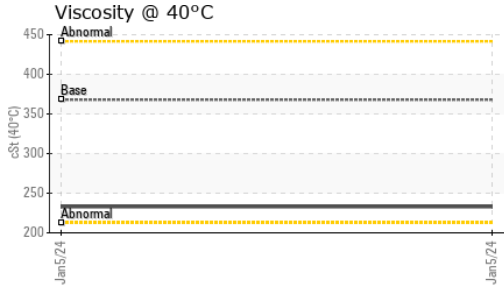
## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >75	<b>3</b>	---	---
Sodium	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Potassium	ppm ASTM D5185m >20	<b>4</b>	---	---

## VISUAL

method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	<b>NONE</b>	---	---
Yellow Metal	scalar *Visual NONE	<b>NONE</b>	---	---
Precipitate	scalar *Visual NONE	<b>NONE</b>	---	---
Silt	scalar *Visual NONE	<b>NONE</b>	---	---
Debris	scalar *Visual NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar *Visual NONE	<b>NONE</b>	---	---
Appearance	scalar *Visual NORML	<b>NORML</b>	---	---
Odor	scalar *Visual NORML	<b>NORML</b>	---	---
Emulsified Water	scalar *Visual >0.2	<b>NEG</b>	---	---
Free Water	scalar *Visual	<b>NEG</b>	---	---

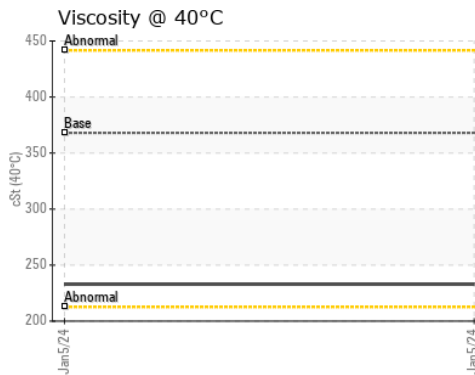
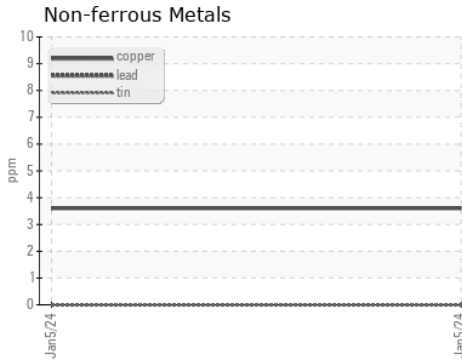
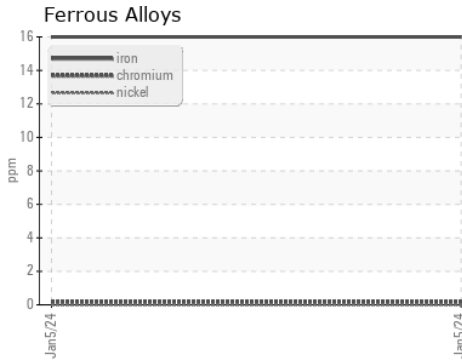
# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 368	<b>233</b>	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			no image	no image	no image
Bottom			no image	no image	no image

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LBC0000191 **Recieved** : 10 Jan 2024  
**Lab Number** : 06057031 **Diagnosed** : 11 Jan 2024  
**Unique Number** : 10822980 **Diagnostician** : Wes Davis  
**Test Package** : CONST

**Columbus Equipment Co. - P103900**  
 2329 Performance Way  
 Columbus, OH  
 US 43207  
 Contact: Tanner Web  
 tannerw@columbusequipment.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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F: