

# **OIL ANALYSIS REPORT**



[146479] **LINK-BELT TCC-800 U1L2-7108** Component
Swing Drive

Sample Rating Trend



## Recommendation

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

All component wear rates are normal.

## Contamination

There is no indication of any contamination in the

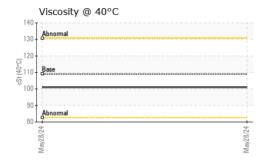
## Fluid Condition

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

( CAL)						
( GAL)				May2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		LBC0000045		
Sample Date		Client Info		28 May 2024		
Machine Age	hrs	Client Info		297		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>400	7		
Chromium	ppm	ASTM D5185m		0		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium		ASTM D5185m	>10	0		
Silver	ppm			-		
S	ppm	ASTM D5185m	05	0		
Aluminum 	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>200	11		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	400	304		
Barium	ppm	ASTM D5185m	200	0		
Molybdenum	ppm	ASTM D5185m	12	0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	12	<1		
Calcium	ppm	ASTM D5185m	150	14		
Phosphorus	ppm	ASTM D5185m	1650	1402		
Zinc	ppm	ASTM D5185m	125	0		
Sulfur	ppm	ASTM D5185m	22500	28357		
CONTAMINANTS	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	<1		
Sodium	ppm	ASTM D5185m		9		
Potassium	ppm	ASTM D5185m	>20	2		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
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	NEG		
Free Water	scalar	*Visual		NEG		

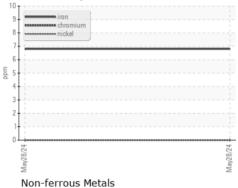


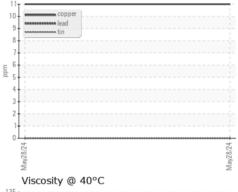
# **OIL ANALYSIS REPORT**

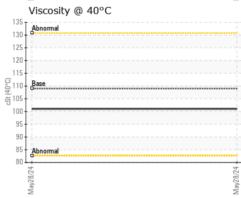


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	109	101		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image

# Ferrous Alloys











Certificate 12367

Test Package : CONST

Sample No. : LBC0000045 Lab Number : 06197095 Unique Number : 11059218

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received

: 31 May 2024 Tested : 03 Jun 2024 : 03 Jun 2024 - Wes Davis Diagnosed

Columbus Equipment Co. - P103900 2329 Performance Way

Columbus, OH US 43207

Contact: JASON LANG jasonl@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)

T:

F: