

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



LINK-BELT RTC-8065S II J9K4-4083 Front Left Planetary

Fluid GEAR OIL SAE 85W140 (1 GAL)

DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

Area

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

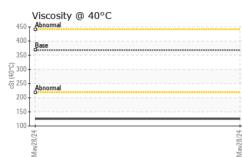
Fluid Condition

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

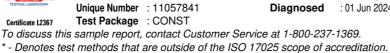
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		LBC0000224		
Sample Date		Client Info		28 May 2024		
Machine Age	hrs	Client Info		5560		
Oil Age	hrs	Client Info		5560		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	١	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	53		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	3		
Lead	ppm	ASTM D5185m	>25	<1		
Copper	ppm	ASTM D5185m	>75	3		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	400	44		
Barium	ppm	ASTM D5185m	200	2		
Molybdenum	ppm	ASTM D5185m	12	0		
Manganese	ppm	ASTM D5185m		8		
Magnesium	ppm	ASTM D5185m	12	2		
Calcium	ppm	ASTM D5185m	150	19		
Phosphorus	ppm	ASTM D5185m	1650	758		
Zinc	ppm	ASTM D5185m	125	8		
Sulfur	ppm	ASTM D5185m	22500	30896		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	7		
Sodium	ppm	ASTM D5185m		4		
Potassium	ppm	ASTM D5185m	>20	7		
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	 Culture::::::::::::::::::::::::::::::::::::	
4:25:06) Rev: 1					Supmitted I	3v: Tanner Web



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	FLUID PROPERTIES	method limit/	base current	history1	history2
	Visc @ 40°C cSt	ASTM D445 368	125		
	SAMPLE IMAGES	method limit/	base current	history1	history2
	Color		no image	no image	no image
May28/24	Bottom		no image	no image	no image
	GRAPHS				
	Ferrous Alloys				
	Non-ferrous Metals	Mar2824			
	Viscosity @ 40°C	2			
	400 Base 350 -				
	근 300 - 중 정 250 - 200 -				
	150~				
	100 + 25/32/a + + + + + + + + + + + + + + + + + + +	May28/24			
	: 06195718 T e	eceived : 30 May 2 ested : 31 May 2	024		Co P1039 rformance W Columbus, C US 432 ct: Tanner W



Contact: Tanner Web tannerw@columbusequipment.com T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: