

OIL ANALYSIS REPORT



Area
CEC-R
Machine Id **LINK-BELT 138 HSL P8L3-7363** Component
Swing Drive Fluid GEAR OIL SAE 90 (3 G

Sample Rating Trend



Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

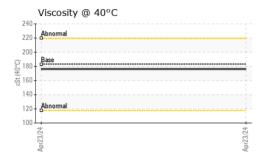
Fluid Condition

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

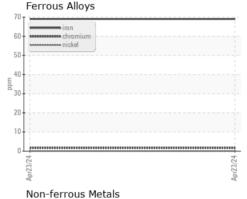
AL)				Apr2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		LBC0000550		
Sample Date		Client Info		23 Apr 2024		
Machine Age	hrs	Client Info		583		
Oil Age	hrs	Client Info		583		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Vater		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>400	69		
Chromium	ppm	ASTM D5185m	>10	2		
lickel	ppm	ASTM D5185m	>10	0		
itanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Muminum	ppm	ASTM D5185m	>25	0		
.ead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>200	<1		
īn	ppm	ASTM D5185m	>10	<1		
anadium/	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	400	0		
Barium	ppm	ASTM D5185m	200	8		
lolybdenum	ppm	ASTM D5185m	12	0		
/langanese	ppm	ASTM D5185m		2		
/lagnesium		ASTM D5185m	12	2		
•	ppm					
Calcium	ppm	ASTM D5185m	150	11		
Calcium Phosphorus Zinc	ppm	ASTM D5185m	150	11		
Phosphorus	ppm	ASTM D5185m ASTM D5185m	150 1650	11 335		
Phosphorus linc	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	150 1650 125	11 335 6		
Phosphorus Cinc Sulfur CONTAMINANTS	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	150 1650 125 22500	11 335 6 24040		
Phosphorus Linc Sulfur CONTAMINANTS	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method	150 1650 125 22500 limit/base	11 335 6 24040 current	 history1	 history2
Phosphorus Linc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m	150 1650 125 22500 limit/base	11 335 6 24040 current	 history1	 history2
Phosphorus Linc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ss	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m	150 1650 125 22500 limit/base >50	11 335 6 24040 current 17	 history1	 history2
Phosphorus Phosphorus Phosphorus Politicon Politicon Potassium VISUAL White Metal	ppm ppm ppm ss	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual	150 1650 125 22500 limit/base >50 >20 limit/base	11 335 6 24040 current 17 0 0 current NONE	 history1 	 history2
Phosphorus Phosphorus Phosphorus Politicon Politicon Potassium VISUAL White Metal	ppm ppm ppm ppm ss ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m	150 1650 125 22500 limit/base >50 >20 limit/base	11 335 6 24040 current 17 0 0	 history1 history1	history2
Phosphorus Cinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL Vhite Metal Vellow Metal	ppm ppm ppm ppm ppm ppm sscalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual	150 1650 125 22500 limit/base >50 >20 limit/base	11 335 6 24040 current 17 0 0 current NONE	 history1 history1	 history2 history2
Phosphorus Cinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	ppm ppm ppm ppm ppm ppm scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual	150 1650 125 22500 limit/base >50 >20 limit/base NONE	11 335 6 24040 current 17 0 0 current NONE	history1 history1	history2 history2 history2
Phosphorus	ppm ppm ppm ppm ppm ppm scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual	150 1650 125 22500 limit/base >50 >20 limit/base NONE NONE	11 335 6 24040 current 17 0 0 current NONE NONE	history1 history1	history2 history2 history2
Phosphorus	ppm ppm ppm ppm ppm ppm ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual	150 1650 125 22500 limit/base >50 >20 limit/base NONE NONE NONE	11 335 6 24040 current 17 0 current NONE NONE NONE	history1 history1	history2 history2 history2
Phosphorus Phosphorus Phosphorus Phosphorus Phosphorus Politicon Podassium Potassium VISUAL Phite Metal Precipitate Politicon Podassium Poebris Poebris Poedal	ppm ppm ppm ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	150 1650 125 22500 limit/base >50 >20 limit/base NONE NONE NONE NONE	11 335 6 24040 current 17 0 0 current NONE NONE NONE NONE NONE NONE	history1 history1	history2 history2 history2
Phosphorus Phosphorus Phosphorus Phosphorus Politicon Politicon Potassium Potassium VISUAL Phite Metal Precipitate Politicon Potassium P	ppm ppm ppm ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	150 1650 125 22500 limit/base >50 >20 limit/base NONE NONE NONE NONE NONE NONE NONE	11 335 6 24040 current 17 0 0 current NONE NONE NONE NONE NONE NONE NONE NON	history1 history1	history2 history2
Phosphorus Cinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM U5185m Method *Visual *Visual	150 1650 125 22500 limit/base >50 >20 limit/base NONE NONE NONE NONE NONE NONE NONE NON	11 335 6 24040 current 17 0 0 current NONE NONE NONE NONE NONE NONE NONE NON	history1 history1	history2 history2 history2

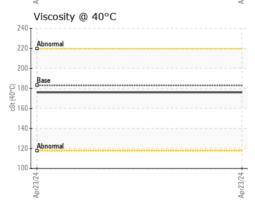


OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	183	176		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image







Certificate 12367

Laboratory

Sample No. : LBC0000550 Lab Number : 06160777

Unique Number : 10996200 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 25 Apr 2024

Tested : 26 Apr 2024 Diagnosed : 29 Apr 2024 - Don Baldridge

Columbus Equipment Co. - P103900

2329 Performance Way Columbus, OH US 43207

Contact: Brody Parsons brodeyp@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)

Report Id: LBCP103900 [WUSCAR] 06160777 (Generated: 04/29/2024 11:08:51) Rev: 1

T:

F: