

OIL ANALYSIS REPORT

Sample Rating Trend





[146479] LINK-BELT TCC-800 U1L2-7108 Component Left Final Drive

GEAR OIL SAE 75W90 (--- GAL)

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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.

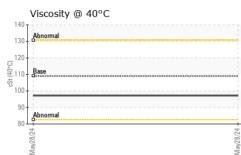
Fluid Condition

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

	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		LBC0000109		
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		
CONTAMINATION	٧	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	25		
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	<1		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	5		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m	210	0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	400	303		
Barium	ppm	ASTM D5185m	200	12		
Molybdenum	ppm	ASTM D5185m	12	0		
Manganese	ppm	ASTM D5185m	12	2		
•	ppm	ASTM D5185m	12	_ <1		
Magnosium	ppili	AO HVI DO TOOITI		38		
•		ASTM D5185m				
Calcium	ppm	ASTM D5185m	150			
Calcium Phosphorus	ppm ppm	ASTM D5185m	1650	1399		
Calcium Phosphorus Zinc	ppm ppm ppm	ASTM D5185m ASTM D5185m	1650 125	1399 4		
Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	1650 125 22500	1399		
Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m method	1650 125 22500 limit/base	1399 4 27967 current		
Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m	1650 125 22500	1399 4 27967 current 2		
Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m method	1650 125 22500 limit/base	1399 4 27967 current		
Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m	1650 125 22500 limit/base	1399 4 27967 current 2	 history1	 history2
Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m	1650 125 22500 limit/base >75	1399 4 27967 current 2 28	 history1 	 history2
Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m	1650 125 22500 <i>limit/base</i> >75 >20	1399 4 27967 current 2 28 1	 history1 	 history2
Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m	1650 125 22500 limit/base >75 >20 limit/base	1399 4 27967 current 2 28 1 28 1 current	 history1 history1	 history2 history2
Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm ppm ppm ppm ppm scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method *Visual	1650 125 22500 imit/base >75 >20 imit/base NONE	1399 4 27967 current 2 28 1 current NONE	 history1 history1 	 history2 history2
Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	ppm ppm ppm ppm ppm ppm ppm scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method *Visual	1650 125 22500 imit/base >75 >20 imit/base NONE NONE	1399 4 27967 current 2 28 1 current NONE NONE	 history1 history1 history1	 history2 history2 history2
Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm ppm ppm ppm ppm ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual	1650 125 22500 imit/base >75 >20 imit/base NONE NONE NONE	1399 4 27967 current 2 28 1 current NONE NONE NONE	 history1 history1 	 history2 history2 history2
Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	ppm ppm ppm ppm ppm ppm ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual	1650 125 22500 imit/base >75 20 20 imit/base NONE NONE NONE NONE	1399 4 27967 2 28 1 current NONE NONE NONE NONE	 history1 history1 	 history2 history2 history2
Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	ppm ppm ppm ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual	1650 125 22500 imit/base >75 >20 imit/base NONE NONE NONE NONE NONE NONE	1399 4 27967 current 2 28 1 current NONE NONE NONE NONE NONE NONE	 history1 history1 	 history2 history2 history2
Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance	ppm ppm ppm ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual	1650 125 22500 imit/base >75 >20 imit/base NONE NONE NONE NONE NONE NONE NONE	1399 4 27967 current 2 28 1 current NONE NONE NONE NONE NONE NONE NONE	 history1 history1 	 history2 history2 history2
Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	1650 125 22500 imit/base >75 20 imit/base NONE NONE NONE NONE NONE NONE NONE NON	1399 4 27967 2 28 1 28 1 <i>current</i> NONE NONE NONE NONE NONE NONE NONE NON	 history1 history1 	 history2 history2 history2
Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance Odor	ppm ppm ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	1650 125 22500 >75 >20 Imit/base >20 Imit/base NONE NONE NONE NONE NONE NONE NONE NON	1399 4 27967 current 2 28 1 current NONE NONE NONE NONE NONE NONE NONE NON	 history1 history1 -	 history2 history2



OIL ANALYSIS REPORT



FLUID PROPERTIE	S method	limit/base	current	history1	history2
Visc @ 40°C	St ASTM D445	109	97.2		
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			no image	no image	no image
Bottom			no image	no image	no image
GRAPHS					
Ferrous Alloys		May28/24			
Viscosity @ 40°C		May28/24			
: WearCheck USA - 501 M : LBC0000109 : 06197092 : 11059215 : CONST contact Customer Service	Received: 31Tested: 03Diagnosed: 03	May 2024 Jun 2024 Jun 2024 - V	les Davis		rformance W Columbus, (US 432 JASON LAN

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)

Certificate L2367

Contact/Location: JASON LANG - LBCP103900

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