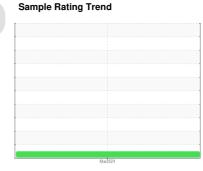


# **OIL ANALYSIS REPORT**



**NORMAL** 



TOTE #1 Component **Unknown Component** 

{not provided} (--- GAL)

### Recommendation

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. Please provide more complete information on your next sample.

#### Wear

Component wear rates appear to be normal (unconfirmed).

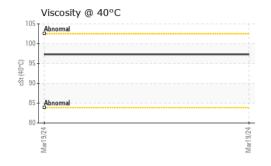
### **Fluid Condition**

Viscosity of sample indicates oil is within ISO 100 range, advise investigate.

Mar <sup>2</sup> 024									
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2			
Sample Number		Client Info		WC0771309					
Sample Date		Client Info		19 Mar 2024					
Machine Age	hrs	Client Info		0					
Oil Age	hrs	Client Info		0					
Oil Changed	0	Client Info		N/A					
Sample Status				NORMAL					
CONTAMINATION	J	method	limit/base	current	history1	history2			
Water		WC Method		NEG					
WEAR METALS		method	limit/base	current	history1	history2			
Iron	ppm	ASTM D5185(m)		6					
Chromium	ppm	ASTM D5185(m)		0					
Nickel	ppm	ASTM D5185(m)		0					
Titanium	ppm	ASTM D5185(m)		0					
Silver	ppm	ASTM D5185(m)		0					
Aluminum	ppm	ASTM D5185(m)		0					
Lead	ppm	ASTM D5185(m)		2					
Copper	ppm	ASTM D5185(m)		17					
Tin	ppm	ASTM D5185(m)		0					
Antimony	ppm	ASTM D5185(m)		0					
Vanadium	ppm	ASTM D5185(m)		0					
Beryllium	ppm	ASTM D5185(m)		0					
Cadmium	ppm	ASTM D5185(m)		0					
ADDITIVES									
ADDITIVES		method	limit/base	current	history1	history2			
Boron	ppm	method ASTM D5185(m)	limit/base	current 0	history1	history2			
	ppm ppm		limit/base						
Boron		ASTM D5185(m)	limit/base	0					
Boron Barium	ppm	ASTM D5185(m) ASTM D5185(m)	limit/base	0					
Boron Barium Molybdenum	ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	limit/base	0 0 0					
Boron Barium Molybdenum Manganese	ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	limit/base	0 0 0	  				
Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	limit/base	0 0 0 0 <1					
Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm	ASTM D5185(m)	limit/base	0 0 0 0 0 <1 25					
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm	ASTM D5185(m)	limit/base	0 0 0 0 <1 25 263					
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m)	limit/base	0 0 0 0 <1 25 263 361					
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m)	limit/base	0 0 0 0 <1 25 263 361 588					
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m)		0 0 0 0 <1 25 263 361 588 <1					
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m)		0 0 0 0 <1 25 263 361 588 <1		     history2			
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m)		0 0 0 0 <1 25 263 361 588 <1 current	history1	history2			
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m)	limit/base	0 0 0 0 <1 25 263 361 588 <1 current	history1	history2			
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m)  METHOD  ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	limit/base	0 0 0 0 <1 25 263 361 588 <1 current 0 <1 27		history2			
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m)	limit/base	0 0 0 0 <1 25 263 361 588 <1 current 0 <1 27	history1	history2			
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m)  METHOD  METHOD  Visual*	limit/base >20 limit/base NONE	0 0 0 0 <1 25 263 361 588 <1 current 0 <1 27	history1 history1	history2 history2			
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m)  method ASTM D5185(m) ASTM D5185(m)  ASTM D5185(m)  Wethod Visual*	limit/base >20 limit/base NONE NONE	0 0 0 0 <1 25 263 361 588 <1 current 0 <1 27 current NONE	history1 history1	history2 history2			
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m)  method ASTM D5185(m) ASTM D5185(m)  Wisual* Visual*	limit/base >20 limit/base NONE NONE NONE	0 0 0 0 <1 25 263 361 588 <1 current 0 <1 27 current NONE NONE NONE	history1 history1	history2 history2			
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium  CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm	ASTM D5185(m)  METHOD  ASTM D5185(m)  METHOD  ASTM D5185(m)  METHOD  ASTM D5185(m)  ASTM D5185(m)  ASTM D5185(m)  Wethod  Visual*  Visual*  Visual*	limit/base >20 limit/base NONE NONE NONE NONE NONE NONE	0 0 0 0 <1 25 263 361 588 <1 current 0 <1 27 current NONE NONE NONE NONE NONE	history1 history1	history2 history2			
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium  CONTAMINANTS Silicon Sodium Potassium  VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	ppm	ASTM D5185(m)  METHOD  METHOD  MSTM D5185(m)  ASTM D5185(m)  MSTM D5185(m)  WETHOD  Visual*  Visual*  Visual*  Visual*	limit/base >20 limit/base NONE NONE NONE NONE	0 0 0 0 <1 25 263 361 588 <1 current 0 <1 27 current NONE NONE NONE		history2 history2			
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium  CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	ppm	ASTM D5185(m)  METHOD  METHOD  Visual* Visual* Visual* Visual* Visual*	limit/base >20 limit/base NONE NONE NONE NONE NONE NONE NONE	0 0 0 0 0 <1 25 263 361 588 <1 current 0 <1 27 current NONE NONE NONE NONE NONE NONE NONE NON	history1 history1	history2 history2			



## **OIL ANALYSIS REPORT**



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)		97.3		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
GRAPHS						



**CALA** ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : WC0771309 Lab Number : 02623589

Unique Number : 5748708

Test Package: TEST (Additional Tests: ICP, KV40)

Validity of results and interpretation are based on the sample and information as supplied.

Received Tested Diagnosed

: 20 Mar 2024 : 22 Mar 2024

: 22 Mar 2024 - Kevin Marson

Contact: kimberley Darroch kimd@jec.on.ca

**JEFFERSON ELORA CORP** 

T: (519)846-3022 F: (519)846-8462

60 FIRST LINE

ELORA, ON

CA NOB 1S0

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.