WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL



Machine Id **LIEBHERR L566 077757-1758**

Front Differential

(42 LTR)						
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH0288076		
Sample Date		Client Info		10 May 2024		
Machine Age	hrs	Client Info		556		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
Iron	nom	ASTM D5185(m)	>1200	172		
		. ,				
		, ,				
		. ,				
Silver		, ,				
		. ,	>5	1		
Lead		, ,	>4	<1		
Copper		. ,	>40	66		
Tin		, ,	>4	4		
Vanadium	ppm			0		
White Metal	scalar	Visual*	NONE	NONE		
Yellow Metal	scalar	Visual*	NONE	NONE		
	ppm	. ,				
	ppm	, ,				
	Scalai	VISUAI	>.∠			
Sodium	ppm	ASTM D5185(m)		7		
Boron	ppm	ASTM D5185(m)	0	3		
Barium	ppm	ASTM D5185(m)	0	0		
Molybdenum	ppm	ASTM D5185(m)	0	0		
Manganese	ppm			26		
Magnesium	ppm		<1	3		
Calcium	ppm	ASTM D5185(m)	<1	7		
Phosphorus	ppm		2143	2278		
7:	ppm	ASTM D5185(m)	<1	22		
Zinc	ррііі					
Sulfur Visc @ 40°C	ppm cSt	ASTM D5185(m)	23468 170	24592 192		
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	Test UOM Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status Iron ppm Chromium ppm Nickel ppm Titanium ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Manganese ppm Magnesium ppm Calcium ppm Coli Machine Institute Ins	Test UOM Method Sample Number Client Info Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Oil Changed hrs Client Info Oil Changed Client Info Sample Status Iron ppm ASTM D5185(m) Chromium ppm ASTM D5185(m) Nickel ppm ASTM D5185(m) Titanium ppm ASTM D5185(m) Aluminum ppm ASTM D5185(m) Lead ppm ASTM D5185(m) Copper ppm ASTM D5185(m) Tin ppm ASTM D5185(m) Vanadium ppm ASTM D5185(m) White Metal scalar Visual* Yellow Metal scalar Visual* Silicon ppm ASTM D5185(m) Water WC Method Silt scalar Visual* Sand/Dirt scalar Visual* Sodium ppm ASTM D5185(m) Boron ppm ASTM D5185(m) Barium ppm ASTM D5185(m) Manganese ppm ASTM D5185(m) Manganese ppm ASTM D5185(m) Manganese ppm ASTM D5185(m) Magnesium ppm ASTM D5185(m) Magnesium ppm ASTM D5185(m) Magnesium ppm ASTM D5185(m) Mastm D5185(m) Mastm D5185(m) Magnesium ppm ASTM D5185(m) Mastm D5185(Test UOM Method Limit/Abn Sample Number Client Info Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status Iron ppm ASTM D5185(m) >1200 Chromium ppm ASTM D5185(m) >20 Nickel ppm ASTM D5185(m) >4 Titanium ppm ASTM D5185(m) >5 Lead ppm ASTM D5185(m) >5 Lead ppm ASTM D5185(m) >4 Copper ppm ASTM D5185(m) >4 Copper ppm ASTM D5185(m) >5 Lead ppm ASTM D5185(m) >4 Copper ppm ASTM D5185(m) >4 Vanadium ppm ASTM D5185(m) >0 Valie Metal scalar Visual* NONE Yellow Metal scalar Visual* NONE Silicon ppm ASTM D5185(m) >20 Water WC Method >.2 Silt scalar Visual* NONE Sand/Dirt scalar Visual* NORML Emulsified Water scalar Visual* NORML Emulsified Water scalar Visual* NORML Sodium ppm ASTM D5185(m) 0 Barium ppm ASTM D5185(m) 0 Manganese ppm ASTM D5185(m) 0 Manganese ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) 0	Test	Test





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

: LH0288076 Lab Number : 02636412

Unique Number : 5785574 Test Package : MOB 1

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 17 May 2024 **Tested** : 17 May 2024

Diagnosed : 21 May 2024 - Kevin Marson

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

Abbycel Substrate Ltd.

3545 Ross Road Abbotsford, BC **CA V4X 1M6**

Contact: Service Manager

T: F: