WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL NORMAL

Machine Id

VV088685

Component Diesel Engine

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0847279		
Sample Date		Client Info		01 Nov 2023		
Machine Age	hrs	Client Info		583		
Oil Age	hrs	Client Info		583		
Filter Age	hrs	Client Info		583		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		Changed		
Sample Status				NORMAL		
lvan		ACTM DE10E(m)	. 00	OE.		
		, ,				
		, ,				
		. ,				
		. ,				
			- 0	0		
		. ,	NONE	-		
Silicon	ppm	ASTM D5185(m)	>25	4		
Potassium	ppm	ASTM D5185(m)	>20	7		
Fuel		WC Method	>4.0	<1.0		
Water		WC Method	>0.1	NEG		
Glycol		WC Method		NEG		
Soot %	%	ASTM D7844*				
Nitration	Abs/cm	ASTM D7624*	>20	7.1		
	scalar					
Emulsified Water	scalar	Visual [*]	>0.1	NEG		
Sodium	maa	ASTM D5185(m)		2		
Boron		ASTM D5185(m)		140		
Barium		ASTM D5185(m)		0		
Molybdenum	ppm	. ,		2		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)		43		
Calcium	ppm	ASTM D5185(m)		2085		
Phosphorus	ppm	ASTM D5185(m)		966		
Zinc	ppm	ASTM D5185(m)		1088		
				0050		
Sulfur	ppm	ASTM D5185(m)		3059		
	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 Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	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 Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Fuel Water Glycol Soot % % Nitration Abs/cm Sulfation Abs/.mm Silt scalar Debris scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sodium ppm Boron ppm Boron ppm Barium ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus	Sample Number Sample Date Machine Age Oil Age hrs Client Info Clie	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Oil Age Filter Age hrs Client Info Oil Changed Filter Changed Sample Status Iron Ppm ASTM D5185(m) Silver Aluminum Ppm ASTM D5185(m) Popp ASTM D5185(m	Sample Number Client Info WC0847279 Sample Date Client Info 01 Nov 2023 Machine Age hrs Client Info 583 Oil Age hrs Client Info 583 Filter Age hrs Client Info 583 Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status Client Info Changed Iron ppm ASTM D5185(m) >80 25 Chromium ppm ASTM D5185(m) >6 <1	Sample Number Sample Date Client Info Sample Date Client Info O1 Nov 2023





CALA ISO 17025:2017 Accredited

Laboratory

Laboratory Sample No.

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Lab Number : 02615863

: WC0847279 Unique Number : 5732973

Received **Tested** Diagnosed : 15 Feb 2024

: 15 Feb 2024

: 15 Feb 2024 - Wes Davis

Test Package : MOB 1 (Additional Tests: Visual) 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.



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