WEAR CONTAMINATION FLUID CONDITION

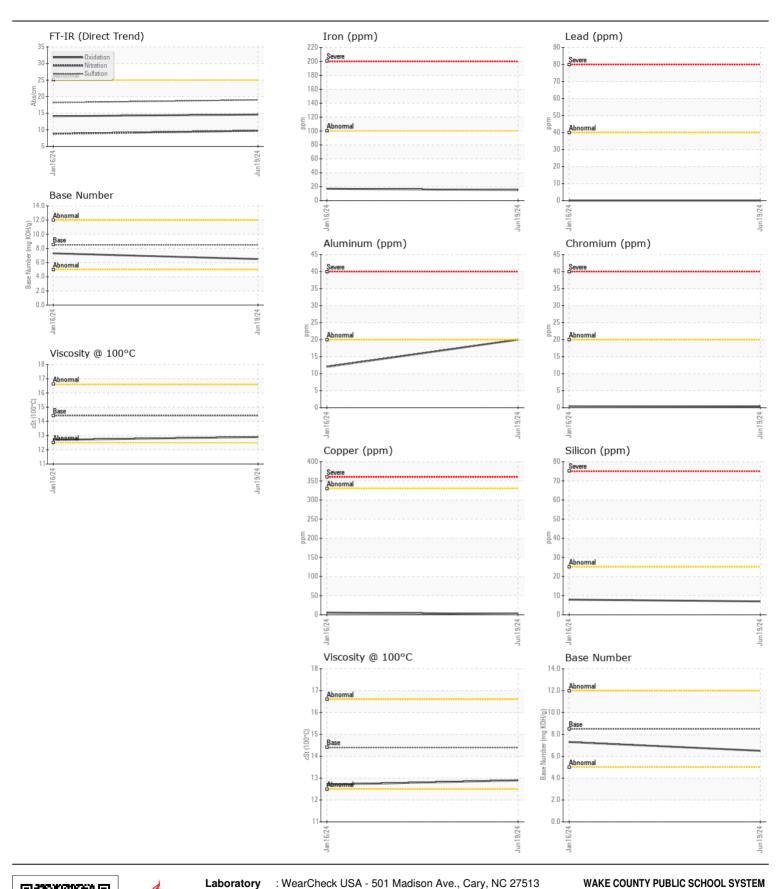
NORMAL NORMAL

Machine Id

1846

Component
Diesel Engine

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0949008	WC0870785	
Sample Date		Client Info		19 Jun 2024	16 Jan 2024	
Machine Age	mls	Client Info		20814	0	
Oil Age	mls	Client Info		0	0	
Filter Age	mls	Client Info		0	0	
Oil Changed		Client Info		Not Changd	Not Changd	
Filter Changed		Client Info		Not Changd	Not Changd	
Sample Status				NORMAL	NORMAL	
Iron	ppm	ASTM D5185m	>100	15	17	
Chromium		ASTM D5185m	>20			
Silver			>3	0	0	
Aluminum				20	12	
Lead				0	0	
				2	6	
• •				0		
Vanadium		ASTM D5185m		0	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	nnm	ASTM D5185m	>25	7	8	
	ppiii					
			7 U.L			
•	%		>3			
• •						
		*Visual	>0.2	NEG	NEG	
Sodium	nnm	ASTM D5185m	<b>\158</b>	2	2	
-						
-			450			
•						
•						
	Abs/.1mm					
		ASTM D2896				
Base Number (BN)	ma KUH/a	A5   W D289h	8.5	6.5	7.3	
	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	Sample Number Sample Date Machine Age mls Oil Age mls Filter Age mls 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 Yellow Metal scalar Silicon ppm Fuel Water Glycol Soot % % Nitration Abs/cm Sulfation Abs/.1mm Silt scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Molybdenum ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus Zinc ppm Sulfur ppm	Sample Number Sample Date Machine Age Oil Age Mls Client Info Client Info Client Info Client Info Client Info Machine Age Mls Client Info ASTM D5185m Phosphorus Calcium ppm ASTM D5185m ASTM D5185m ASTM D5185m Phosphorus Calcium ppm ASTM D5185m ASTM D5185m ASTM D5185m Phosphorus Calcium ppm ASTM D5185m AST	Sample Number Sample Date Machine Age MIS Client Info Machine Age MIS Client Info Oil Age MIS Client Info Filter Age MIS Client Info Oil Changed Filter Changed Sample Status  Iron Chromium Definition Fitter Changed Sample Status  Iron Chromium Definition Silver Definition Silver Definition Copper Definition Silver Definition Def	Sample Number         Client Info         WC0949008           Sample Date         Client Info         19 Jun 2024           Machine Age         mls         Client Info         0           Oil Age         mls         Client Info         0           Filter Age         mls         Client Info         0           Oil Changed         Client Info         Not Changd           Filter Changed         Client Info         Not Changd           Sample Status         NORMAL           Iron         ppm         ASTM D5185m         >100         15           Chromium         ppm         ASTM D5185m         >20         <1	Sample Number   Client Info   WC0949008   Sample Date   Client Info   19 Jun 2024   16 Jan 2024   Machine Age   mls   Client Info   0   0   0   0   0   0   0   0   0





Certificate L2367

Laboratory Sample No.

Lab Number : 06220921

: WC0949008 Unique Number : 11099118

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 26 Jun 2024 **Tested** 

: 27 Jun 2024 Diagnosed : 27 Jun 2024 - Wes Davis

1551 ROCK QUARRY ROAD RALEIGH, NC

US 27610 Contact: DEVIN WEBER dweber@wcpss.net

Test Package : MOB 1 ( Additional Tests: TBN ) 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)

F: x:

T: (919)856-8076