

WEAR CONTAMINATION FLUID CONDITION

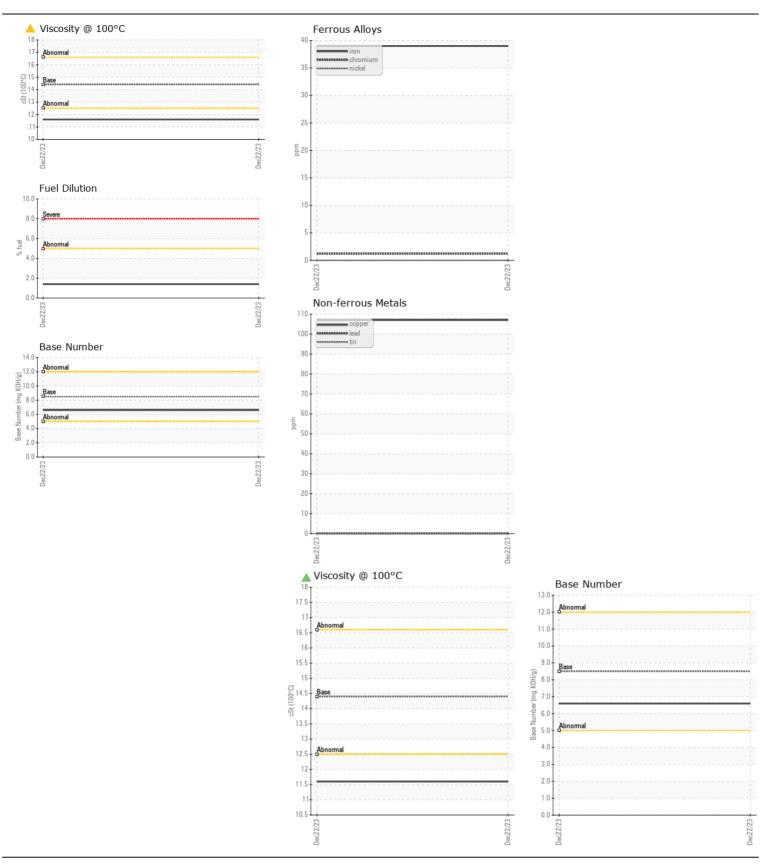
NORMAL NORMAL ATTENTION

Machine Id

Component Diesel Engine

DIESEL ENGINE OIL SAE 15W40 (--- QTS)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0861074		
Sample Date		Client Info		22 Dec 2023		
Machine Age	mls	Client Info		14227		
Oil Age	mls	Client Info		0		
Filter Age	mls	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		Changed		
Sample Status				ATTENTION		
	ppm					
	ppm					
	ppm		>4			
Titanium	ppm	ASTM D5185m		0		
Silver	ppm			0		
Aluminum	ppm			8		
Lead	ppm			0		
Copper	ppm	ASTM D5185m	>330	107		
Tin	ppm		>15	0		
Vanadium	ppm			0		
White Metal	scalar		NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Ciliana		ACTM DE10E	05	05		
	%					
			>0.2			
	21		0			
• •						
Emulsified water	scalar	"VISUAI	>0.2	NEG		
Sodium	maa	ASTM D5185m	>158	4		
			-	49		
-						
_			450			
•						
Zinc						
Sulfur	ppm	ASTM D5185m		2538		
	to be an					
Oxidation	Abs/.1mm	*ASTM D7414	>25	21.6		
		*ASTM D7414 ASTM D2896		21.6 6.6		
	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 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 Zinc	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel ppm Titanium ppm Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Scalar Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt scalar Sand/Dirt Appearance Odor Emulsified Water Scalar Sodium Sodium Sodium Sodiar Sealar Scalar Scal	Sample Number Sample Date Machine Age Oil Age Mls Client Info ASTM D5185m ASTM	Sample Number Sample Date Sample Date Machine Age MIS Client Info Oil Age MIS Client Info Sample Status Iron ppm ASTM D5185m Sample Status Iron Chromium ppm ASTM D5185m Vandium ppm ASTM D5185m Vanadium ppm ASTM D5185m Vone Vellow Metal Scalar Visual NONE Silicon ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m S20 Fuel % ASTM D5185m VC Method Soot % % ASTM D5185m VC Method Soot % % ASTM D5185m Nitration Abs/cm Abs/cm ASTM D7415 S30 Silt Scalar Visual NONE Sand/Dirt Scalar Visual NONE Sand/Dirt Scalar Visual NONE Sand/Dirt Scalar Visual NONE Sand/Dirt Scalar Appearance Scalar Appearance Scalar Visual NONE Sodium ppm ASTM D5185m AS	Sample Number Client Info WC0861074 Sample Date Client Info 22 Dec 2023 Machine Age mls Client Info 14227 Oil Age mls Client Info 0 Filter Age mls Client Info 0 Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status Client Info Changed Iron ppm ASTM D5185m >100 Sample Status ASTM D5185m >20 1 Iron ppm ASTM D5185m >20 1 Nickel ppm ASTM D5185m >20 1 Nickel ppm ASTM D5185m >3 0 Aluminum ppm ASTM D5185m >3 0 Aluminum ppm ASTM D5185m >20 8 Lead ppm ASTM D5185m >30 107 Tin ppm ASTM D5185m >15 0	Sample Number Client Info Sample Date Client Info 22 Dec 2023







Laboratory Sample No. Lab Number **Unique Number**

: WC0861074 : 06059929 : 10831311

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved Diagnosed

: 12 Jan 2024 : 16 Jan 2024 Diagnostician : Don Baldridge

Test Package: FLEET (Additional Tests: FuelDilution, PercentFuel)

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)

SALEM NATIONALEASE CORPORATION

198 PARK PLAZA DRIVE WINSTON SALEM, NC US 27105

Contact: Audrey Hopkins Audrey.Hopkins@salemcorp.com

T: (336)767-9642 F: x: