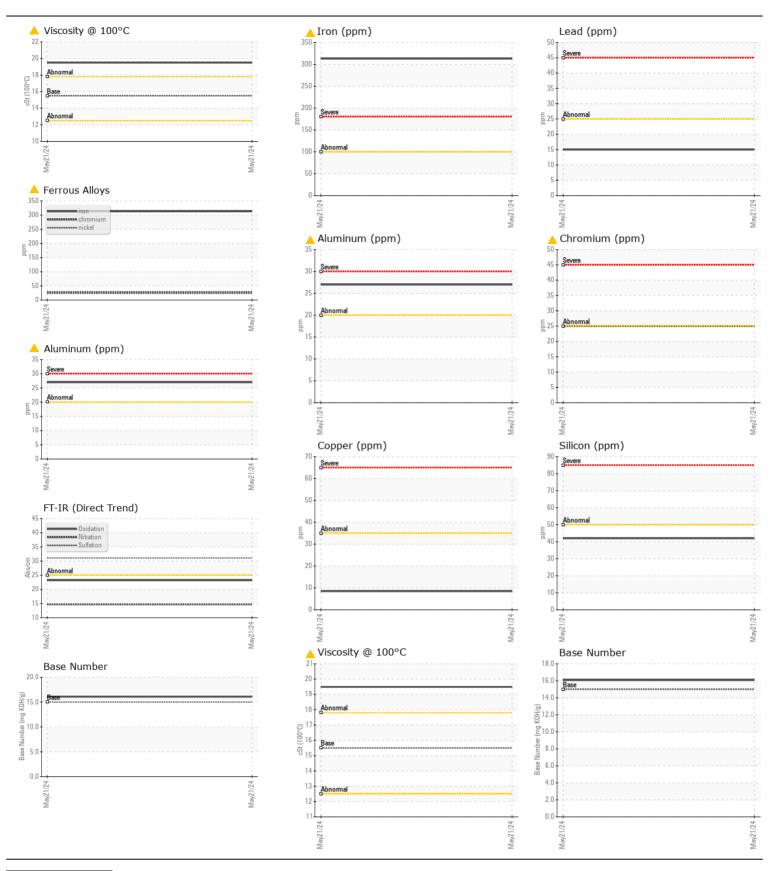
WEAR CONTAMINATION **FLUID CONDITION** **ABNORMAL NORMAL ABNORMAL**

OIL ANALYSIS REPORT

Machine Id

RSI LSG-875 2424 Component Propane Engine

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date		Client Info				
Machine Age	hrs	Client Info		3936		
Oil Age	hrs	Client Info		509		
Filter Age	hrs	Client Info		509		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		Not Changd		
Sample Status				ABNORMAL		
Iron	nnm	AQTM DE195m	×100	A 212		
			>0			
			<u> </u>			
• •						
			70			
			NONE			
				-		
		Visuai				
Silicon	ppm	ASTM D5185m	>50	42		
Potassium	ppm	ASTM D5185m	>20	11		
Water		WC Method	>0.1	NEG		
Soot %	%	*ASTM D7844		0.1		
Nitration	Abs/cm	*ASTM D7624	>20	14.7		
Sulfation	Abs/.1mm	*ASTM D7415	>30	31.1		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	NEG		
Sodium	ppm	ASTM D5185m		8		
Boron		ASTM D5185m		155		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		359		
Manganese	ppm	ASTM D5185m		4		
Magnesium	ppm	ASTM D5185m		671		
Calcium	ppm		4500	6058		
Phosphorus	ppm	ASTM D5185m		1253		
Zinc	ppm		1400	1535		
Sulfur	ppm	ASTM D5185m		5683		
			0.5	00.0		
Oxidation	Abs/.1mm	*ASTM D7414	>25	23.2		
	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 Water 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 ppm Nickel ppm Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Soot % Nitration Sulfation Silt Sand/Dirt Sacalar Sand/Dirt Sacalar Sand/Dirt Sacalar Sodium Pom Boron Barium Molybdenum Manganese ppm Magnesium Pom Pom Norm Norm Manganese Pom Magnesium Pom Pom Manganese Pom Magnesium Pom Pom Pom Pom Pom Manganese Pom Magnesium Pom Pom Pom Pom Pom Pom Pom Pom Pom Po	Sample Number Sample Date Machine Age Oil Age hrs Client Info Oil Age hrs Client Info Filter Age Oil Changed Filter Changed Sample Status Iron Ppm ASTM D5185m Chromium Ppm ASTM D5185m Titanium Ppm ASTM D5185m Aluminum Ppm ASTM D5185m Copper Ppm ASTM D5185m Tin Ppm ASTM D5185m Tin Ppm ASTM D5185m Vanadium Ppm ASTM D5185m Visual Silicon Ppm ASTM D5185m Vaster VC Method Soot % % *ASTM D7844 Nitration Abs/.mm *ASTM D7624 Sulfation Abs/.mm *ASTM D7625 Sulfation Abs/.mm *ASTM D7626 Sulfation Abs/.mm *ASTM D5185m ASTM D518	Sample Number Client Info Sample Date Client Info Machine Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Filter Changed Client Info Sample Status Iron ppm ASTM D5185m >100 Chromium ppm ASTM D5185m >25 Nickel ppm ASTM D5185m >5 Titanium ppm ASTM D5185m >5 Aluminum ppm ASTM D5185m >20 Lead ppm ASTM D5185m >35 Tin ppm ASTM D5185m >35 Tin ppm ASTM D5185m >35 Tin ppm ASTM D5185m >36 Vanadium ppm ASTM D5185m >8 Vanadium ppm ASTM D5185m NONE Yellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m >20 Water WC Method >0.1 Soot % % "ASTM D5185m >20 Water WC Method >0.1 Soot % % "ASTM D7415 >30 Silt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Sodium ppm ASTM D5185m Boron ppm ASTM D5185m Boron ppm ASTM D5185m Barium ppm ASTM D5185m Magnesium ppm ASTM D5185m Magnesium ppm ASTM D5185m Magnesium ppm ASTM D5185m Calcium ppm ASTM D5185	Sample Number Client Info TR06194238 Sample Date Client Info 21 May 2024 Machine Age hrs Client Info 3936 Oil Age hrs Client Info 509 Filter Age hrs Client Info Not Changd Filter Age Client Info Not Changd Oil Changed Client Info Not Changd Filter Changed Client Info Not Changd Sample Status ABNORMAL Iron ppm ASTM D5185m >100 ▲ 313 Chromium ppm ASTM D5185m >225 ▲ 25 Nickel ppm ASTM D5185m >5 ▲ 28 Titanium ppm ASTM D5185m >5 ▲ 28 Titanium ppm ASTM D5185m >5 ▲ 28 Titanium ppm ASTM D5185m >20 ♠ 27 Lead ppm ASTM D5185m >35 ♣ 1 Silver ppm ASTM D5185m >8	Sample Number Client Info TR06194238 Sample Date Client Info 21 May 2024 Machine Age hrs Client Info 3936 Oil Age hrs Client Info 509 Filter Age hrs Client Info Not Changd Oil Changed Client Info Not Changd Filter Changed Client Info Not Changd Sample Status ABNORMAL Iron ppm ASTM D5185m >100 A 313 Chromium ppm ASTM D5185m >25 A 25 Nonce Nickel ppm ASTM D5185m >5 A 28 Nonce Nonce Nonce





Certificate L2367

Laboratory Sample No.

: TR06194238 Lab Number : 06194238 Unique Number : 11056361

Test Package : MOB 2

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

: 29 May 2024 **Tested** Diagnosed

: 03 Jun 2024 : 03 Jun 2024 - Jonathan Hester

15727 TEXACO AVE PARAMOUNT, CA US 90723 Contact: NORMAN MASSON

To discuss this sample report, contact Customer Service at 1-800-827-0711.

* - 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)

T: F: