WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**

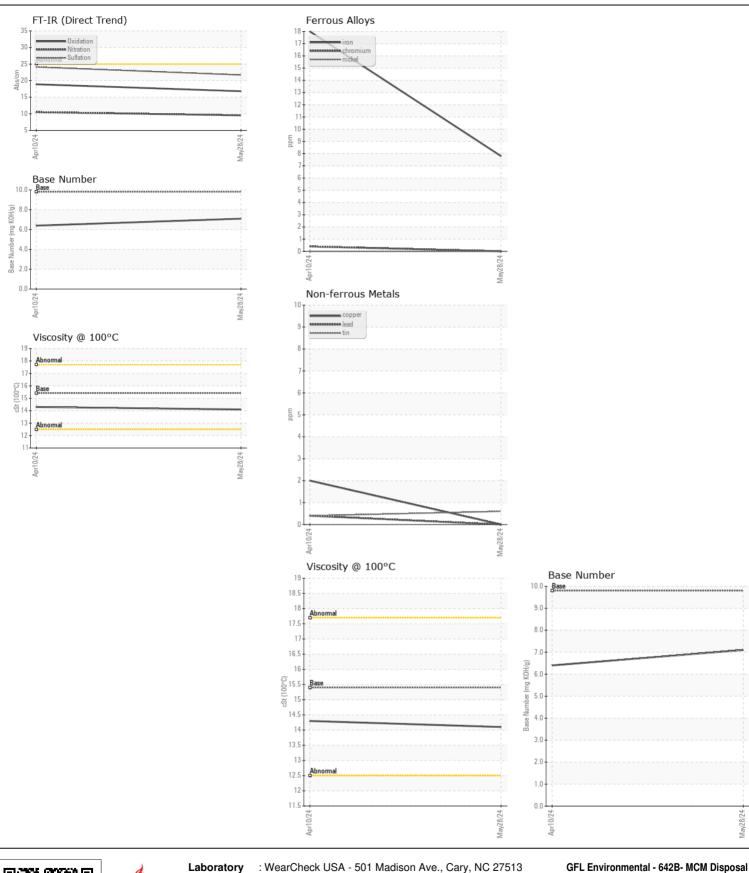
Machine Id

420129 KENWORTH T880

Diesel Engine

PETRO CANADA DURON SHP 15W40 (--- GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0110979	GFL0102226	
Sample Date		Client Info		28 May 2024	10 Apr 2024	
Machine Age	hrs	Client Info		8702	8355	
_	hrs					
	hrs					
		Client Info				
Sample Status				NORMAL	NORMAL	
Iron	ppm	ASTM D5185m	>100	8	18	
Chromium		ASTM D5185m	>20	0	<1	
Nickel	ppm	ASTM D5185m	>4	0	0	
Titanium	ppm	ASTM D5185m		86	87	
Silver	ppm	ASTM D5185m	>3	0	0	
Aluminum	ppm	ASTM D5185m	>20	2	4	
Lead	ppm			0	<1	
Copper	ppm	ASTM D5185m	>330	0	2	
Tin	ppm	ASTM D5185m	>15	<1	<1	
Vanadium	ppm	ASTM D5185m		<1	<1	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	nnm	ACTM DE105m	> 25	5	5	
	ррпп					
			70.2			
-	0/2		\ 3			
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
	ppm		0			
-						
-						
•						
Oxidation	AUS/.IMM					
Base Number (BN)	mg KOH/g	ASTM D2896	0.0	7.1	6.4	
	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 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 Yellow Metal scalar Silicon ppm Potassium 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 Boron ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus ppm Zinc ppm Sulfur ppm Sulfur ppm Sulfur ppm	Sample Number Sample Date Machine Age Oil Age hrs Client Info Sample Status Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Copper ppm ASTM D5185m Vanadium ppm ASTM D5185m Voisual Vellow Metal scalar Visual Silicon ppm ASTM D5185m Fuel WC Method Water WC Method Glycol WC Method Soot % % ASTM D5185m Fuel WC Method Soot % Nitration Abs/.1mm *ASTM D7624 Sulfation Abs/.1mm *ASTM D5185m Appearance Odor scalar *Visual Sodium ppm ASTM D5185m ASTM D518	Sample Number Sample Date 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 D5185m >100 Chromium ppm ASTM D5185m >20 Nickel ppm ASTM D5185m >3 Aluminum ppm ASTM D5185m >20 Lead ppm ASTM D5185m >3 Aluminum ppm ASTM D5185m >20 Lead ppm ASTM D5185m >3 Aluminum ppm ASTM D5185m >3 Aluminum ppm ASTM D5185m >3 Copper ppm ASTM D5185m >15 Vanadium ppm ASTM D5185m >20 Edd ppm ASTM D5185m >20 Copper ppm ASTM D5185m >20 Copper ppm ASTM D5185m >20 Copper ppm ASTM D5185m >25 Vanadium ppm ASTM D5185m >25 Vanadium ppm ASTM D5185m >20 Fuel WC Method >5 Vater WC Method >5 Vater WC Method >5 Vater WC Method Soot % ASTM D7844 >3 Nitration Abs/.nm *ASTM D7844 >3 Nitration Abs/.nm *ASTM D7844 >3 Nitration Abs/.nm *ASTM D7845 >30 Silt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Vis	Sample Number Sample Date Client Info GFL0110979 Sample Date Client Info 28 May 2024 Machine Age hrs Client Info 36 Filter Age hrs Client Info 36 Filter Age Client Info Changed Filter Changed Client Info Changed Filter Changed Client Info Changed Sample Status Client Info Changed Iron ppm ASTM D5185m >100 Sample Status NORMAL NORMAL Iron ppm ASTM D5185m >20 Chromium ppm ASTM D5185m >20 Nickel ppm ASTM D5185m >4 0 Silver ppm ASTM D5185m >20 2 Aluminum ppm ASTM D5185m >20 2 Lead ppm ASTM D5185m >20 0 Vanadium ppm ASTM D5185m >330 0 White Metal scalar	Sample Number Client Info Sample Date Client Info 8702 88 May 2024 10 Apr 2024 10 Apr 2024 88 May 2024 10 Apr 2024 10 Ap







Certificate L2367

Laboratory Sample No.

: GFL0110979 Lab Number : 06196473 Unique Number : 11058596 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 31 May 2024 **Tested** : 03 Jun 2024

Diagnosed : 03 Jun 2024 - Don Baldridge

10450 Pease Ave Byron Center, MI US 49315 Contact: Chad Arp carp@gflenv.com T: (616)915-7901

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)