WEAR CONTAMINATION FLUID CONDITION

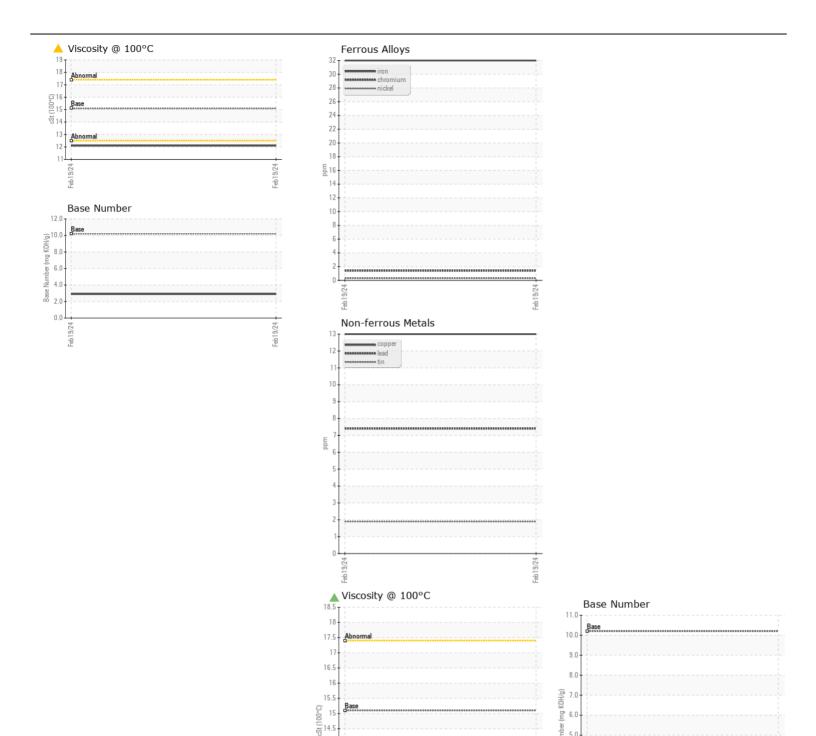
NORMAL NORMAL ATTENTION

Machine Id 833030

Component Natural Gas Engine

PETRO CANADA DURON GEO LD 15W40 (--- GAL)

aAL)				. ,		
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0098075		
Sample Date		Client Info		19 Feb 2024		
Machine Age	hrs	Client Info		1171		
Oil Age	hrs	Client Info		1171		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		Changed		
Sample Status				ATTENTION		
Iron	maa	ASTM D5185m	>50	32		
		ASTM D5185m	>4			
			_			
			>3			
Aluminum				3		
Lead				7		
• • •						
			NONE			
Yellow Metal	scalar	*Visual	NONE	NONE		
	ppm					
	ppm					
			>0.1			
Emulsified Water	scalar	*Visual	>0.1	NEG		
Sodium	ppm	ASTM D5185m		6		
Boron	ppm	ASTM D5185m	50	8		
Barium	ppm	ASTM D5185m	5	3		
Molybdenum	ppm			56		
Manganese	ppm	ASTM D5185m	0	4		
Magnesium	ppm	ASTM D5185m	560	775		
Calcium	ppm			1169		
Phosphorus	ppm			689		
Zinc	ppm			860		
Sulfur	ppm			2094		
Oxidation	Abs/.1mm			24.0		
	mg KOH/g			2.9		
Visc @ 100°C	cSt	ASTM D445	15.1	12.1		
	Test 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 Water Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Oxidation Base Number (BN)	Test UOM 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 Water Soot % % Nitration Abs/cm Sulfation Abs/.mm Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Molybdenum ppm Manganese ppm Magnesium ppm Calcium ppm Calcium ppm Phosphorus Zinc ppm Sulfur ppm Cyidation Abs/.1mm Base Number (BN) mg KOH/g	Test UOM Method Sample Number 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 Sample Status Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Silver ppm ASTM D5185m Lead ppm ASTM D5185m Lead ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar Visual Yellow Metal scalar Visual Silicon ppm ASTM D5185m Water WC Method Soot % "ASTM D7624 Sulfation Abs/.1mm ASTM D7624 Sulfation Abs/.1mm ASTM D5185m Barium ppm ASTM D5185m Boron ppm ASTM D5185m Manganese ppm ASTM D5185m Manganese ppm ASTM D5185m Magnesium ppm ASTM D5185m Magn	Test	Test	Test UOM Method Limit/Abn Current Sample Number Client Info Sample Number Client Info Sample Date Client Info 19 Feb 2024







Laboratory Sample No.

Lab Number : 06098148 Unique Number: 10896378

: GFL0098075

Feb19/24

12.5

11.5

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 23 Feb 2024 **Tested** : 27 Feb 2024

Diagnosed : 27 Feb 2024 - Jonathan Hester **Test Package**: FLEET (Additional Tests: FUELDILUTION, PercentFuel)

Feb19/24

GFL Environmental - 932 - Muskego HC W144 S6400 College Ct. Muskego, WI

US 53150 Contact: Brian Schlomann

brian.schlomann@gflenv.com T: (262)510-4586

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)