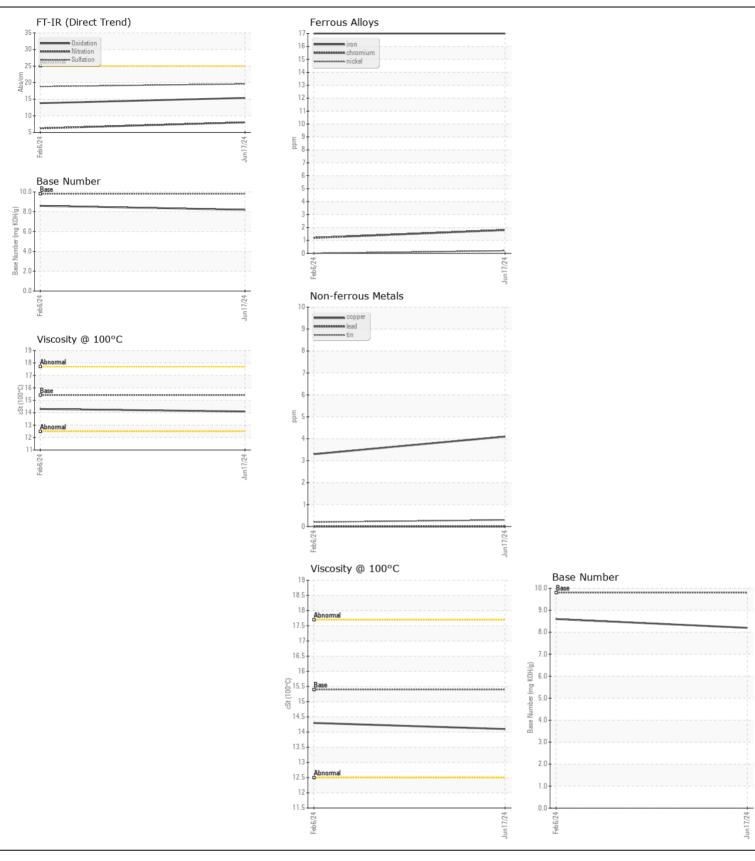
WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL



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

Sample Number Client Info Sample Date Machine Age hrs Client Info O 10407	PETRO CANADA DURON SHP	15W40 (C	iAL)					
Resample at the next service interval to monitor.	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age hrs Client Info 0 10407	Resample at the next service interval to monitor.	Sample Number		Client Info		GFL0114383	GFL0110139	
Oi Age		Sample Date		Client Info		17 Jun 2024	06 Feb 2024	
Filter Age		Machine Age	hrs	Client Info		0	10407	
Coli Changed Cili chi Info Not Changed Not Changed		Oil Age	hrs	Client Info		0	10407	
Filter Changed Sample Status Somple Stat		Filter Age	hrs	Client Info		0	9937	
Normal N		Oil Changed		Client Info		Not Changd	Not Changd	
Iron				Client Info		Not Changd	Not Changd	
All component wear rates are normal. Chromium ppm ASTM DS185m >20 2 1 0 Nickel ppm ASTM DS185m >20 0 0 Titanium ppm ASTM DS185m >2 0 0 0 All uminum ppm ASTM DS185m >2 0 0 0 All uminum ppm ASTM DS185m >2 0 0 0 All uminum ppm ASTM DS185m >30 0 0 0 All uminum ppm ASTM DS185m >30 0 0 0 All uminum ppm ASTM DS185m >30 0 0 0 All uminum ppm ASTM DS185m >30 0 0 0 ASTM DS185m >15 -1 -1 -1 ASTM DS185m >0 5 5 ASTM DS185m >0 0 0 0 ASTM DS185m >0 0 0 0 0 ASTM DS185m >0 0 0 0 0 ASTM DS185m >0 0 0 0 AST		Sample Status				NORMAL	NORMAL	
All component wear rates are normal. Chromium ppm ASTM DS185m >20 2 1 0 Nickel ppm ASTM DS185m >20 0 0 Titanium ppm ASTM DS185m >2 0 0 0 All uminum ppm ASTM DS185m >2 0 0 0 All uminum ppm ASTM DS185m >2 0 0 0 All uminum ppm ASTM DS185m >30 0 0 0 All uminum ppm ASTM DS185m >30 0 0 0 All uminum ppm ASTM DS185m >30 0 0 0 All uminum ppm ASTM DS185m >30 0 0 0 ASTM DS185m >15 -1 -1 -1 ASTM DS185m >0 5 5 ASTM DS185m >0 0 0 0 ASTM DS185m >0 0 0 0 0 ASTM DS185m >0 0 0 0 0 ASTM DS185m >0 0 0 0 AST	WEAR	Iron	mag	ASTM D5185m	>200	17	17	
Nickel ppm ASTM D5185m >2 < 1 0	WEAR						1	
Titanium ppm ASTM DS185m >2 0 0 0	All component wear rates are normal.						0	
Silver ppm ASTM D5185m >2 0 0								
Aluminum ppm ASTM D5185m >30 13 11								
Lead								
Copper								
Tin Vanadium ted Vanadium ted								
Vanadium ppm ASTM D5185m NONE NONE								
White Metal Scalar Visual NONE NON					710			
Vellow Metal Scalar Visual NONE NO					NONE	-	-	
Silicon ppm ASTM D5185m >30 5 5						_		
Potassium ppm ASTM D5185m >20 7 2	·			visuai	NONL	·····	INOINL	
There is no indication of any contamination in the oil. Fuel WC Method So.0 <1.0 <1.0 <	CONTAMINATION	Silicon	ppm					
Valer	There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	7	2	
Glycol Soot % % % *ASTM D7844 >3		Fuel		WC Method	>3.0	<1.0	<1.0	
Soot %		Water		WC Method	>0.2	NEG	NEG	
Nitration Abs/cm 'ASTM D7624 >20 8.0 6.2		Glycol		WC Method		NEG	NEG	
Sulfation Abs/.tmm *ASTM D7415 >30 19.6 18.8		Soot %	%	*ASTM D7844	>3	0.6	0.5	
Silt Scalar *Visual NONE NORML NORML		Nitration	Abs/cm	*ASTM D7624	>20	8.0	6.2	
Debris Scalar *Visual NONE		Sulfation	Abs/.1mm	*ASTM D7415	>30	19.6	18.8	
Sand/Dirt Scalar *Visual NONE NONE NONE Appearance Scalar *Visual NORML		Silt	scalar		NONE	NONE	NONE	
Appearance Scalar *Visual NORML NORM		Debris	scalar	*Visual	NONE	NONE	NONE	
Color Scalar *Visual NORML N		Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Emulsified Water scalar *Visual >0.2 NEG NEG		Appearance	scalar	*Visual	NORML	NORML	NORML	
Sodium ppm ASTM D5185m 2 1		Odor	scalar	*Visual	NORML	NORML	NORML	
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service. Boron ppm ASTM D5185m 0 0 0 0 0 0 0 0 0		Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service. Boron ppm ASTM D5185m 0 0 0 0 0 0 0 0 0	ELUID CONDITION	Sodium	nnm	ASTM D5185m		2	1	
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service. Barium ppm ASTM D5185m 0 0 0 0 0 0 0 0 0	TEGID CONDITION				0		4	
Molybdenum ppm ASTM D5185m 60 58 56 Manganese ppm ASTM D5185m 0 <1 <-1 Magnesium ppm ASTM D5185m 1010 928 916 Calcium ppm ASTM D5185m 1070 1070 1033 Phosphorus ppm ASTM D5185m 1150 1076 1062 Zinc ppm ASTM D5185m 1270 1274 1246 Sulfur ppm ASTM D5185m 2060 3391 2972 Oxidation Abs/.1mm *ASTM D7414 >25 15.4 13.8 Base Number (BN) mg KOH/g ASTM D2896 9.8 8.2 8.6	The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.							
Manganese ppm ASTM D5185m 0 <1								
Magnesium ppm ASTM D5185m 1010 928 916 Calcium ppm ASTM D5185m 1070 1070 1033 Phosphorus ppm ASTM D5185m 1150 1076 1062 Zinc ppm ASTM D5185m 1270 1274 1246 Sulfur ppm ASTM D5185m 2060 3391 2972 Oxidation Abs/.1mm *ASTM D7414 >25 15.4 13.8 Base Number (BN) mg KOH/g ASTM D2896 9.8 8.2 8.6								
Calcium ppm ASTM D5185m 1070 1070 1033 Phosphorus ppm ASTM D5185m 1150 1076 1062 Zinc ppm ASTM D5185m 1270 1274 1246 Sulfur ppm ASTM D5185m 2060 3391 2972 Oxidation Abs/.1mm *ASTM D7414 >25 15.4 13.8 Base Number (BN) mg KOH/g ASTM D2896 9.8 8.2 8.6								
Phosphorus ppm ASTM D5185m 1150 1076 1062 Zinc ppm ASTM D5185m 1270 1274 1246 Sulfur ppm ASTM D5185m 2060 3391 2972 Oxidation Abs/.1mm *ASTM D7414 >25 15.4 13.8 Base Number (BN) mg KOH/g ASTM D2896 9.8 8.2 8.6		•						
Zinc ppm ASTM D5185m 1270 1274 1246 Sulfur ppm ASTM D5185m 2060 3391 2972 Oxidation Abs/.1mm *ASTM D7414 >25 15.4 13.8 Base Number (BN) mg KOH/g ASTM D2896 9.8 8.2 8.6								
Sulfur ppm ASTM D5185m 2060 3391 2972 Oxidation Abs/.1mm *ASTM D7414 >25 15.4 13.8 Base Number (BN) mg KOH/g ASTM D2896 9.8 8.2 8.6								
Oxidation Abs/.1mm *ASTM D7414 >25 15.4 13.8 Base Number (BN) mg KOH/g ASTM D2896 9.8 8.2 8.6								
Base Number (BN) mg KOH/g ASTM D2896 9.8 8.2 8.6								
VISC (W 100 C CSL NOTIVI D445 15.4 14.1 14.5								
		visc @ 100°C	C2[ASTIVI D445	15.4	14.1	14.3	







Laboratory Sample No.

: GFL0114383 Lab Number : 06212813 Unique Number : 11085677 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 17 Jun 2024 **Tested**

: 19 Jun 2024 Diagnosed : 19 Jun 2024 - Wes Davis

GFL Environmental - 468 - Dearborn

3051 Schaefer Rd Dearborn, MI US 48126 Contact:

Certificate L2367 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)

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