

Fluid		
PETRO CANADA	DURON SHP 15	5W40 (GAL)

Titanium ppm ASTM D5185m >2 0	PETRO CANADA DURON SHP	13440 ((JAL)					
Resample at the next service interval to monitor. Sample Number Sample Date Client Info Set 2024	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age hrs Client Info 10407		Sample Number		Client Info		GFL0110139		
Col Age	Hesample at the next service interval to monitor.	Sample Date		Client Info		06 Feb 2024		
Filter Age brs Client Info Not Changd Not Chang		Machine Age	hrs	Client Info		10407		
Oil Changed Cilient Info Not Changed Cilient Info C		Oil Age	hrs	Client Info		10407		
Filter Changed Sample Status Sample Stat		•	hrs	Client Info		9937		
NORMAL		Oil Changed		Client Info		Not Changd		
Iron		_		Client Info		Not Changd		
Chromium ppm ASTM D5185m >20 1		Sample Status				NORMAL		
Chromium ppm ASTM D5185m >20 1	WEAR	Iron	nnm	ΔSTM D5185m	>200	17		
Nicke	WEAR							
Titanium ppm ASTM 05185m >2 0	Metal levels are typical for a components first oil change.							
Silver			• •					
Aluminum ppm ASTM D5185m >30 11								
Lead								
Copper								
Tin								
Vanadium ppm ASTM D5185m NONE NONE NONE Yellow Metal scalar Yisual NONE								
White Metal Yellow Metal Scalar *Visual NONE NON					/10			
Silicon ppm ASTM D5185m >30 5					NONE	-		
Silicon ppm ASTM D5185m >30 5								
Potassium ppm ASTM D5185m 20 2				Visuai	NONE			
Potassium ppm ASTM D5185m 20 2	CONTAMINATION	Silicon	ppm	ASTM D5185m	>30	5		
Water		Potassium	ppm	ASTM D5185m	>20	2		
Glycol Soot % % 'ASTM D7844 3 0.5 Nitration Abs/cm 'ASTM D7824 >20 6.2 Sulfation Abs/cm 'ASTM D7824 >20 6.2 Sulfation Abs/cm 'ASTM D7815 >30 18.8 Silt Socialar 'Visual NONE NONE NONE Debris Scalar 'Visual NONE NONE NONE Sand/Dirt Scalar 'Visual NONE NONE NONE Appearance Scalar 'Visual NORML NO	There is no indication of any contamination in the oil.	Fuel		WC Method	>3.0	<1.0		
Soot %		Water		WC Method	>0.2	NEG		
Nitration Abs/cm *ASTM D7624 >20 6.2		Glycol		WC Method		NEG		
Sulfation Abs/.1mm *ASTM D7415 >30 18.8		Soot %	%	*ASTM D7844	>3	0.5		
Silt scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NORML NORML NORML Scalar *Visual NORML NORML NORML Scalar *Visual NORML NORML Scalar *Visual NORML NORML Scalar *Visual Scalar *Visual Scalar *Visual Scalar *Visual Scalar *Visual NORML Scalar *Visual Scalar *Visual *Scalar *Visual *Scalar *Visual *Scalar *Visual *Scalar *Scalar *Scalar *Visual *Scalar *Scalar *Sc		Nitration	Abs/cm	*ASTM D7624	>20	6.2		
Debris Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NORML NORML Sand/Dirt Scalar *Visual NORML NORML Scalar *Visual NORML NORML Scalar *Visual NORML NORML Scalar *Visual		Sulfation	Abs/.1mm	*ASTM D7415	>30	18.8		
Sand/Dirt Scalar *Visual NONE NONE NONE NORML NORM		Silt	scalar	*Visual	NONE	NONE		
Appearance Scalar *Visual NORML NORM		Debris	scalar	*Visual	NONE	NONE		
Codor Scalar *Visual NORML N		Sand/Dirt	scalar	*Visual	NONE	NONE		
Emulsified Water scalar *Visual >0.2 NEG		Appearance	scalar	*Visual	NORML	NORML		
Sodium ppm ASTM D5185m 0 4		Odor	scalar	*Visual	NORML	NORML		
Boron ppm ASTM D5185m 0 4		Emulsified Water	scalar	*Visual	>0.2	NEG		
Boron ppm ASTM D5185m 0 4	ELUID CONDITION	C = di		ACTM DE10E		4		
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 56	PLUID CONDITION				0			
Molybdenum ppm ASTM D5185m 0 56 Magnesium ppm ASTM D5185m 0 <1 Magnesium ppm ASTM D5185m 1010 916 Calcium ppm ASTM D5185m 1070 1033 Phosphorus ppm ASTM D5185m 1150 1062 Zinc ppm ASTM D5185m 1270 1246 Sulfur ppm ASTM D5185m 2060 2972 Oxidation Abs/.1mm *ASTM D7414 >25 13.8 Base Number (BN) mg KOH/g ASTM D2896 9.8 8.6	The BN result indicates that there is suitable alkalinity remaining in the							
Manganese ppm ASTM D5185m 0 <1	oil. The condition of the oil is suitable for further service.							
Magnesium ppm ASTM D5185m 1010 916 Calcium ppm ASTM D5185m 1070 1033 Phosphorus ppm ASTM D5185m 1150 1062 Zinc ppm ASTM D5185m 1270 1246 Sulfur ppm ASTM D5185m 2060 2972 Oxidation Abs/.1mm *ASTM D7414 >25 13.8 Base Number (BN) mg KOH/g ASTM D2896 9.8 8.6		•						
Calcium ppm ASTM D5185m 1070 1033 Phosphorus ppm ASTM D5185m 1150 1062 Zinc ppm ASTM D5185m 1270 1246 Sulfur ppm ASTM D5185m 2060 2972 Oxidation Abs/.1mm *ASTM D7414 >25 13.8 Base Number (BN) mg KOH/g ASTM D2896 9.8 8.6		-						
Phosphorus ppm ASTM D5185m 1150 1062 Zinc ppm ASTM D5185m 1270 1246 Sulfur ppm ASTM D5185m 2060 2972 Oxidation Abs/.1mm *ASTM D7414 >25 13.8 Base Number (BN) mg KOH/g ASTM D2896 9.8 8.6		9						
Zinc ppm ASTM D5185m 1270 1246 Sulfur ppm ASTM D5185m 2060 2972 Oxidation Abs/.1mm *ASTM D7414 >25 13.8 Base Number (BN) mg KOH/g ASTM D2896 9.8 8.6								
Sulfur ppm ASTM D5185m 2060 2972 Oxidation Abs/.1mm *ASTM D7414 >25 13.8 Base Number (BN) mg KOH/g ASTM D2896 9.8 8.6								
Oxidation Abs/.1mm *ASTM D7414 >25 13.8 Base Number (BN) mg KOH/g ASTM D2896 9.8 8.6								
Base Number (BN) mg KOH/g ASTM D2896 9.8 8.6								
VISC @ 100 O COL NOTINI DATO 10.4 14.3		(,	0 0					
		V130 @ 100 U	001	, NOTIVI DITTO	10.4	17.3	-	







Certificate L2367

Laboratory Sample No.

Lab Number : 06085772 Unique Number : 10873217 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0110139 Received **Tested**

: 13 Feb 2024 Diagnosed : 13 Feb 2024 - Wes Davis

: 12 Feb 2024

GFL Environmental - 468 - Dearborn

3051 Schaefer Rd Dearborn, MI US 48126 Contact:

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)

T:

F: