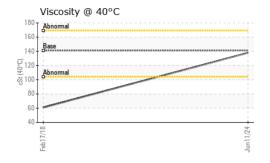
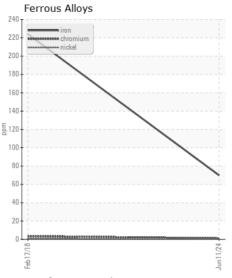
WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**

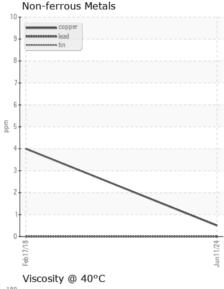
[NICHOLS EXC] VOLVO A35G 340049

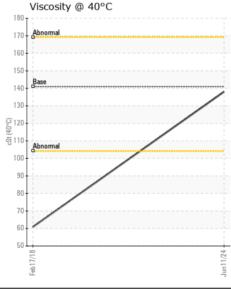
Front Axle

PETRO CANADA TRAXON 80W90 (GAL)							
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		ML0002170	VCP215393	
	Sample Date		Client Info		11 Jun 2024	17 Feb 2018	
	Machine Age	hrs	Client Info		6382	4202	
	Oil Age	hrs	Client Info		1031	0	
	Filter Age	hrs	Client Info		0	0	
	Oil Changed		Client Info		Not Changd	Changed	
	Filter Changed		Client Info		Not Changd	N/A	
	Sample Status				NORMAL	NORMAL	
WEAR	Iron	ppm	ASTM D5185m	>900	70	224	
All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>20	1	4	
	Nickel	ppm	ASTM D5185m		<1	1	
	Titanium	ppm	ASTM D5185m		<1	2	
	Silver	ppm	ASTM D5185m		0	0	
	Aluminum	ppm	ASTM D5185m	>30	2	4	
	Lead	ppm	ASTM D5185m	>50	0	0	
	Copper	ppm	ASTM D5185m	>150	<1	4	
	Tin	ppm	ASTM D5185m	>20	0	0	
	Vanadium	ppm	ASTM D5185m		0	0	
	White Metal	scalar	*Visual	NONE	NONE	MODER	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
CONTAMINATION	Silicon	ppm	ASTM D5185m	>50	23	1	
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	1	2	
	Water		WC Method	>0.2	NEG	NEG	
	Silt	scalar	*Visual	NONE	NONE	NONE	
	Debris	scalar	*Visual	NONE	NONE	NONE	
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
	Appearance	scalar	*Visual	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
FLUID CONDITION	Sodium	ppm	ASTM D5185m		0	2	
The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m	243	287	183	
	Barium	ppm	ASTM D5185m	1	0	0	
	Molybdenum	ppm	ASTM D5185m		0	14	
	Manganese	ppm	ASTM D5185m		1	18	
	Magnesium	ppm	ASTM D5185m	2	1	<1	
	Calcium	ppm	ASTM D5185m	6	0	23	
	Phosphorus	ppm	ASTM D5185m	987	1132	1471	
	Zinc	ppm	ASTM D5185m	1	4	21	
	Sulfur	ppm	ASTM D5185m	21530	19392	28640	
	Visc @ 40°C	cSt	ASTM D445	141.0	138	60.88	













Certificate L2367

Laboratory Sample No.

: ML0002170 Lab Number : 06216120 Unique Number : 11088984 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 20 Jun 2024 **Tested** : 21 Jun 2024

Diagnosed : 23 Jun 2024 - Don Baldridge

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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