

Machine Id

100881 Component Front Left Wheel Hub

PETRO CANADA TRAXON 75W90 SYNTHETIC (--- GAL)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

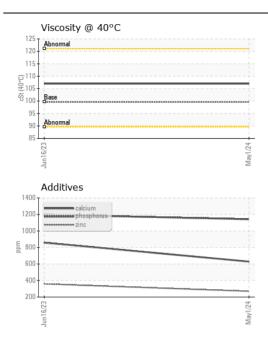
There is no indication of any contamination in the oil.

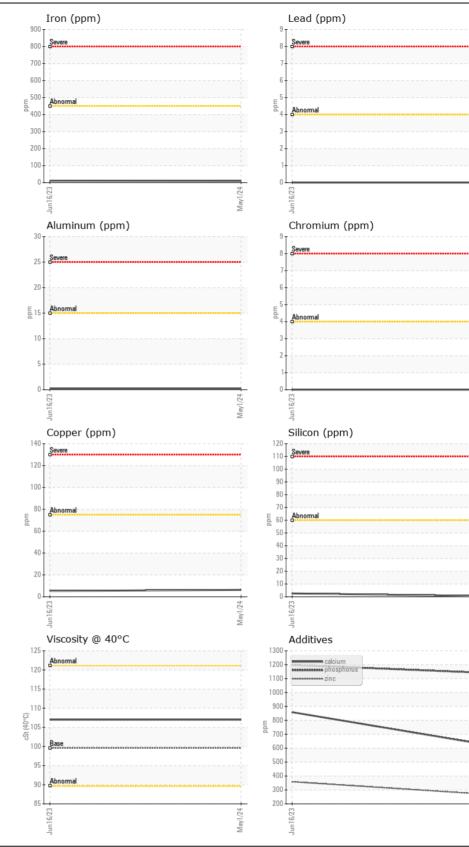
FLUID CONDITION

Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH0289622	LH0153883	
Sample Date		Client Info		01 May 2024	16 Jun 2023	
Machine Age	hrs	Client Info		6972	5929	
Oil Age	hrs	Client Info		0	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Changed	
Filter Changed		Client Info		None	None	
Sample Status				NORMAL	NORMAL	
			450	40		
Iron	ppm	ASTM D5185(m)	>450	10	11	
Chromium	ppm	ASTM D5185(m)	>4	0	0	
Nickel	ppm	ASTM D5185(m)	>2	0	<1	
Titanium	ppm	ASTM D5185(m)		0	0	
Silver	ppm	ASTM D5185(m)	15	0	0	
Aluminum	ppm	ASTM D5185(m)	>15	<1	<1	
Lead	ppm	ASTM D5185(m)	>4	0	0	
Copper	ppm	ASTM D5185(m)	>75	6	5	
Tin	ppm	ASTM D5185(m)		0	0	
Vanadium	ppm	ASTM D5185(m)		0	0	
White Metal	scalar	Visual*	NONE	NONE	LIGHT	
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185(m)	>60	<1	3	
Potassium			>20	<1	4	
1 0103310111	ppm	ASTM D5185(m)	>20	< I	<1	
Water	ppm	WC Method	>0.2	NEG	<1 NEG	
	scalar	· · ·				
Water		WC Method	>0.2	NEG	NEG	
Water Silt	scalar	WC Method Visual*	>0.2 NONE	NEG NONE	NEG NONE	
Water Silt Debris	scalar scalar	WC Method Visual* Visual*	>0.2 NONE NONE	NEG NONE NONE	NEG NONE NONE	
Water Silt Debris Sand/Dirt	scalar scalar scalar	WC Method Visual* Visual* Visual*	>0.2 NONE NONE NONE	NEG NONE NONE NONE	NEG NONE NONE NONE	
Water Silt Debris Sand/Dirt Appearance	scalar scalar scalar scalar	WC Method Visual* Visual* Visual* Visual*	>0.2 NONE NONE NONE NORML	NEG NONE NONE NONE NORML	NEG NONE NONE NORML	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar scalar	WC Method Visual* Visual* Visual* Visual* Visual* Visual*	>0.2 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG	NEG NONE NONE NORML NORML NEG	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	scalar scalar scalar scalar scalar scalar scalar	WC Method Visual* Visual* Visual* Visual* Visual* Visual*	>0.2 NONE NONE NORML NORML >0.2	NEG NONE NONE NORML NORML NEG	NEG NONE NONE NORML NORML NEG	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar scalar ppm	WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m)	>0.2 NONE NONE NORML NORML >0.2	NEG NONE NONE NORML NORML NEG 6 214	NEG NONE NONE NORML NORML NEG 6 203	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar scalar ppm ppm	WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m)	>0.2 NONE NONE NORML NORML >0.2	NEG NONE NONE NORML NORML NEG 6 214 0	NEG NONE NONE NORML NORML NEG 6 203 0	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar scalar scalar scalar ppm ppm ppm	WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>0.2 NONE NONE NORML NORML >0.2	NEG NONE NONE NORML NORML NEG 6 214 0 0	NEG NONE NONE NORML NORML NEG 6 203 0 <1	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm	WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>0.2 NONE NONE NORML >0.2 328 1	NEG NONE NONE NORML NORML NEG 6 214 0 0 0	NEG NONE NONE NORML NORML NEG 6 203 0 <1 <1	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	 >0.2 NONE NORML >0.2 328 1 1 	NEG NONE NONE NORML NORML NEG 6 214 0 0 0 0 4	NEG NONE NONE NORML NORML NEG 6 203 0 <1 3	
Water Silt Debris Sand/Dirt Sand/Dirt Appearance Odor Emulsified Water Sodium Sodium Barium Barium Malybdenum Magnesium Calcium	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	 >0.2 NONE NONE NORML >0.2 328 1 1 7 	NEG NONE NONE NORML NORML NEG 6 214 0 0 0 0 4 629	NEG NONE NONE NORML NORML NEG 6 203 0 <1 <1 <1 3 859	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	 >0.2 NONE NONE NORML >0.2 328 1 1 7 1145 	NEG NONE NONE NORML NORML NEG 6 214 0 0 0 0 4 629 1142	NEG NONE NONE NORML NORML NEG 6 203 0 <1 <1 3 859 1198	
WaterSiltDebrisSand/DirtAppearanceOdorEmulsified WaterSodiumBariumMalybdenumManganeseMagnesiumCalciumPhosphorusZinc	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	WC Method Visual* Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	 >0.2 NONE NORML NORML >0.2 328 1 1 7 1145 3 	NEG NONE NONE NORML NORML 214 0 214 0 0 0 4 629 1142 270	NEG NONE NONE NORML NORML 203 6 203 0 <1 3 3 859 1198 359	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	 >0.2 NONE NONE NORML >0.2 328 1 1 7 1145 	NEG NONE NONE NORML NORML NEG 6 214 0 0 0 0 4 629 1142	NEG NONE NONE NORML NORML NEG 6 203 0 <1 <1 3 859 1198	

Contact/Location: Marc Giguere - BAKOTT



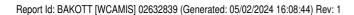


Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CALA Sample No. Received : LH0289622 : 02 May 2024 Lab Number : 02632839 Tested : 02 May 2024 ISO 17025:2017 Accredited Laboratory Diagnosed Unique Number : 5773992 : 02 May 2024 - Kevin Marson Test Package : MOB 1 To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

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