

Machine Id 100881

Swing Drive

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

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

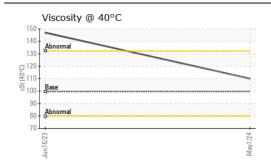
There is no indication of any contamination in the oil.

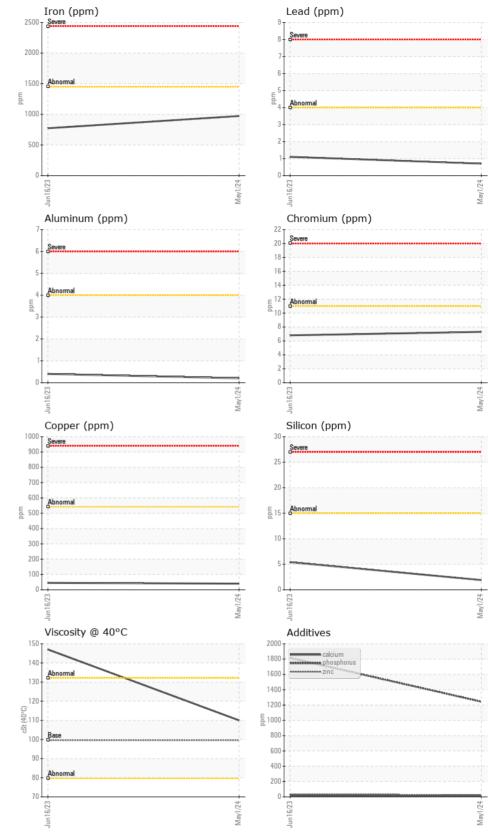
FLUID CONDITION

The condition of the oil is acceptable for the time in service.

30 3 MIII						
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LH0289625	LH0153889	
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	
		40714 De(00)				
Iron	ppm	ASTM D5185(m)	>1450	972	773	
Chromium	ppm	ASTM D5185(m)	>11	7	7	
Nickel	ppm	ASTM D5185(m)	>3	1	<1	
Titanium	ppm	ASTM D5185(m)		0	0	
Silver	ppm	ASTM D5185(m)	4	0	<1	
Aluminum	ppm	ASTM D5185(m)	>4	<1	<1	
Lead	ppm	ASTM D5185(m)	>4	<1	1	
Copper	ppm	ASTM D5185(m)	>542	40	45	
Tin	ppm	ASTM D5185(m)	>38	<1	2	
Vanadium	ppm	ASTM D5185(m)		0	0	
White Metal	scalar	Visual*	NONE	NONE	NONE	
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185(m)	>15	2	5	
	1-1-			-	-	
Potassium	ppm	ASTM D5185(m)	>20	<1	1	
Potassium Water		· · /	>20 >0.2	<1 NEG		
		ASTM D5185(m)			1	
Water	ppm	ASTM D5185(m) WC Method	>0.2	NEG	1 NEG	
Water Silt	ppm scalar	ASTM D5185(m) WC Method Visual*	>0.2 NONE	NEG NONE	1 NEG VLITE	
Water Silt Debris	ppm scalar scalar	ASTM D5185(m) WC Method Visual* Visual*	>0.2 NONE NONE	NEG NONE NONE	1 NEG VLITE NONE	
Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185(m) WC Method Visual* Visual* Visual*	>0.2 NONE NONE NONE	NEG NONE NONE NONE	1 NEG VLITE NONE NONE	
Water Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual*	>0.2 NONE NONE NONE NORML	NEG NONE NONE NONE NORML	1 NEG VLITE NONE NONE NORML	
Water Silt Debris Sand/Dirt Appearance Odor	ppm scalar scalar scalar scalar scalar	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual*	>0.2 NONE NONE NORML NORML	NEG NONE NONE NORE NORML	1 NEG VLITE NONE NONE NORML	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual*	>0.2 NONE NONE NORML NORML >0.2	NEG NONE NONE NORML NORML NEG	1 NEG VLITE NONE NORML NORML NEG	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m)	>0.2 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG	1 NEG VLITE NONE NORML NORML NEG 3	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185(m) 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 1	1 NEG VLITE NONE NORML NORML NEG 3 210	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185(m) 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 1 194	1 NEG VLITE NONE NORML NORML NEG 3 210 0	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185(m) 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 1 194 0	1 NEG VLITE NONE NORML NORML NEG 3 210 0 <1	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>0.2 NONE NONE NORML NORML >0.2 328 1	NEG NONE NONE NORML NORML NEG 1 194 0 0 7	1 NEG VLITE NONE NORML NORML NEG 3 210 0 <1 7	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	 >0.2 NONE NORME NORML >0.2 328 1 1 	NEG NONE NONE NORML NORML NEG 1 194 0 0 7 6	1 NEG VLITE NONE NORML NORML NEG 3 210 0 <1 7 2	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* 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 1 194 0 0 7 6 15	1 NEG VLITE NONE NORML NORML NEG 3 210 0 <1 7 2 15	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) 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 NORME NORML >0.2 328 1 1 7 1145 3 	NEG NONE NONE NORML NORML NEG 1 194 0 0 7 6 15 1244	1 NEG VLITE NONE NORML NORML NEG 3 210 0 <1 7 2 15 1815 35	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium Calcium Phosphorus	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) 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) ASTM D5185(m)	 >0.2 NONE NONE NORML >0.2 328 1 1 7 1145 	NEG NONE NONE NORML NORML NEG 1 194 0 0 7 6 15 1244 25	1 NEG VLITE NONE NORML NORML NEG 3 210 0 210 0 210 7 2 15 15 1815	

Contact/Location: Marc Giguere - BAKOTT





Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 American Iron and Metal CALA Sample No. Received : 02 May 2024 2555 Sheffield Road : LH0289625 Lab Number : 02632837 Tested Ottawa, ON : 02 May 2024 ISO 17025:2017 Accredited Laboratory Diagnosed Unique Number : 5773990 : 02 May 2024 - Wes Davis CA K1B 3V6 Test Package : MOB 1 Contact: Marc Giguere To discuss this sample report, contact Customer Service at 1-800-268-2131. magiguere@aim-global.com Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (438)334-4682 Validity of results and interpretation are based on the sample and information as supplied. F: (613)745-0692

Contact/Location: Marc Giguere - BAKOTT Page 2 of 2