

WEAR NORMAL CONTAMINATION ABNORMAL FLUID CONDITION ATTENTION

[24890] Machine Id 18-82

Component Blower

PETRO CANADA SYNDURO SHB ISO 220 (--- GAL)

RECOMMENDATION

Check seals and/or filters for points of contaminant entry. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. The filter change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.

WEAR

All component wear rates are normal.

CONTAMINATION

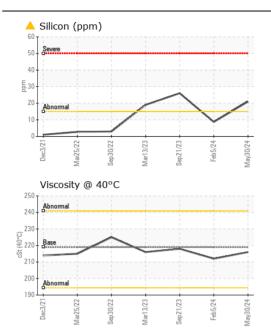
Elemental level of silicon (Si) above normal indicating ingress of seal material and/or dirt.

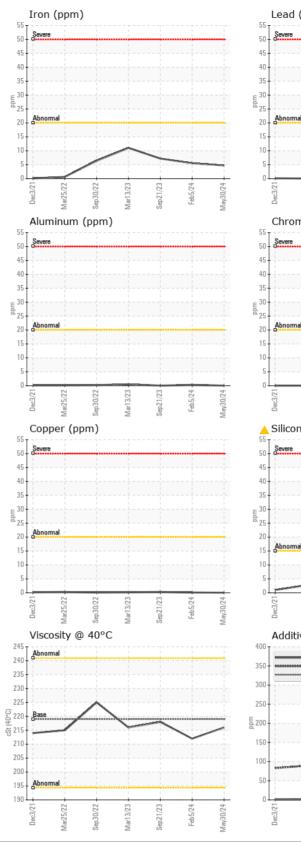
FLUID CONDITION

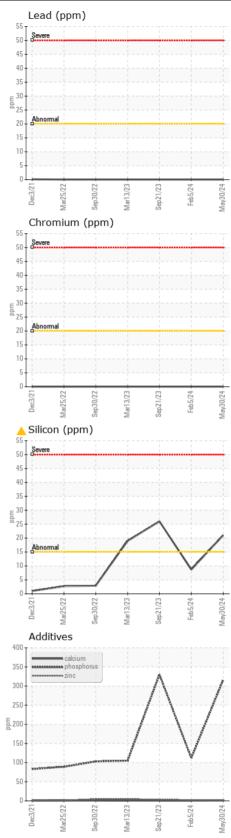
Additive levels indicate the addition of a different brand, or type of oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Nu	umber	Client Info		WC0941296	WC0895498	WC0842918
Sample D	ate	Client Info		30 May 2024	05 Feb 2024	21 Sep 2023
Machine /	Age hrs	Client Info		0	1097	2664
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Chang	jed	Client Info		Changed	N/A	Changed
Filter Cha	nged	Client Info		Changed	N/A	Changed
Sample Status			ABNORMAL	NORMAL	ABNORMAL	
lron			. 00	5	6	7
Iron Chromium	ppm	ASTM D5185(m)	>20 >20	0	0	0
Nickel		ASTM D5185(m) ASTM D5185(m)	>20	0	0	<1
Titanium	ppm	ASTM D5185(m)	>20	0	0	0
Silver	ppm ppm	ASTM D5185(m)		0	0	<1
Aluminum		ASTM D5185(m)	>20	0	<1	0
Lead	ppm ppm	ASTM D5185(m)	>20	0	0	0
Copper	ppm	ASTM D5185(m)	>20	0	<1	<1
Tin	ppm	ASTM D5185(m)	>20	0	0	0
Vanadium		ASTM D5185(m)	220	0	0	0
White Me		Visual*	NONE	NONE	VLITE	NONE
Yellow Me		Visual*	NONE	NONE	NONE	NONE
					·····	
Silicon			. 15	A 04		<u> </u>
	ppm	ASTM D5185(m)	>15	A 21	9	_ 20
Potassiun		ASTM D5185(m) ASTM D5185(m)	>20	21 0	9 <1	0
Potassiun Water		()				
		ASTM D5185(m)		0	<1	0
Water	n ppm	ASTM D5185(m) WC Method	>20	0 NEG	<1 NEG	0 NEG
Water Silt	n ppm scalar scalar	ASTM D5185(m) WC Method Visual*	>20 NONE	0 NEG NONE	<1 NEG NONE	0 NEG NONE
Water Silt Debris	n ppm scalar scalar scalar	ASTM D5185(m) WC Method Visual* Visual*	>20 NONE NONE NONE NORML	0 NEG NONE NONE NONE NORML	<1 NEG NONE NONE NONE NORML	0 NEG NONE NONE NONE
Water Silt Debris Sand/Dirt Appearan Odor	n ppm scalar scalar scalar ce scalar scalar	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual*	>20 NONE NONE NONE	0 NEG NONE NONE NONE NORML NORML	<1 NEG NONE NONE NONE	0 NEG NONE NONE NONE
Water Silt Debris Sand/Dirt Appearan	n ppm scalar scalar scalar ce scalar scalar	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual*	>20 NONE NONE NONE NORML	0 NEG NONE NONE NONE NORML	<1 NEG NONE NONE NONE NORML	0 NEG NONE NONE NONE
Water Silt Debris Sand/Dirt Appearan Odor Emulsified	n ppm scalar scalar scalar ce scalar scalar water scalar	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual*	>20 NONE NONE NONE NORML	0 NEG NONE NONE NORML NORML NEG	<1 NEG NONE NONE NORML NORML NEG	0 NEG NONE NONE NORML NORML NEG
Water Silt Debris Sand/Dirt Appearan Odor	n ppm scalar scalar scalar ce scalar scalar	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual*	>20 NONE NONE NONE NORML	0 NEG NONE NONE NONE NORML NORML	<1 NEG NONE NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML
Water Silt Debris Sand/Dirt Appearan Odor Emulsified	n ppm scalar scalar scalar scalar scalar scalar water scalar ppm	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m)	>20 NONE NONE NONE NORML	0 NEG NONE NONE NORML NORML NEG	<1 NEG NONE NONE NORML NORML NEG 0	0 NEG NONE NONE NORML NORML NEG
Water Silt Debris Sand/Dirt Appearan Odor Emulsified Sodium Boron	n ppm scalar scalar scalar scalar scalar water scalar ppm ppm ppm	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m)	>20 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG <1	<1 NEG NONE NONE NORML NORML NEG 0 <1	0 NEG NONE NONE NORML NORML NEG <1 <1
Water Silt Debris Sand/Dirt Appearan Odor Emulsified Sodium Boron Barium	n ppm scalar scalar scalar scalar scalar scalar ypm ppm ppm ppm	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m)	>20 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG <1 <1 0	<1 NEG NONE NONE NORML NORML NEG 0 <1 0	0 NEG NONE NONE NORML NORML NEG <1 <1 <1
Water Silt Debris Sand/Dirt Appearan Odor Emulsified Sodium Boron Barium Molybden	n ppm see ppm see scalar 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)	>20 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG <1 <1 <1 0 0	<1 NEG NONE NONE NORML NORML NEG 0 <1 0 0	0 NEG NONE NONE NORML NORML NEG <1 <1 <1 <1 0
Water Silt Debris Sand/Dirt Appearan Odor Emulsified Sodium Boron Barium Molybden Manganes	n ppm scalar scalar scalar scalar scalar scalar yater scalar ppm ppm ppm ppm ppm se ppm	ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>20 NONE NONE NORML 5.0	0 NEG NONE NONE NORML NORML NEG <1 <1 <1 0 0 0	<1 NEG NONE NONE NORML NORML NEG 0 <1 0 <1 0 0 0 0	0 NEG NONE NONE NORML NORML NEG <1 <1 <1 <1 0 0
Water Silt Debris Sand/Dirt Appearan Odor Emulsified Sodium Boron Barium Molybden Manganes	n ppm scalar scalar 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)	>20 NONE NONE NORML NORML 5.0	0 NEG NONE NONE NORML NORML NEG <1 <1 <1 0 0 0 0 0	<1 NEG NONE NONE NORML NORML NEG 0 <1 0 0 <1 0 0 0 <1	0 NEG NONE NONE NORML NORML NEG <1 <1 <1 0 0 0
Water Silt Debris Sand/Dirt Appearan Odor Emulsified Sodium Boron Barium Molybden Manganes Magnesiu	n ppm scalar scalar 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)	>20 NONE NONE NORML NORML 5.0	0 NEG NONE NONE NORML NORML NEG <1 <1 0 0 0 2 1 4 1	<1 NEG NONE NONE NORML NORML NEG 0 <1 0 0 0 <1 0 0 <1 0 1 0 1 0	0 NEG NONE NONE NORML NORML NEG <1 <1 <1 <1 0 0 0 0 <1
Water Silt Debris Sand/Dirt Appearan Odor Emulsified Sodium Boron Barium Molybden Manganes Magnesiu Calcium	n ppm scalar scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm se ppm m 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)	>20 NONE NONE NORML NORML 5.0 5.0 5.0 100	0 NEG NONE NONE NORML NORML NEG <1 <1 0 0 0 (1 (1 316	<1 NEG NONE NONE NORML NORML NEG 0 <1 0 0 <1 0 (1 1 112	0 NEG NONE NONE NORML NORML NEG <1 <1 <1 <1 0 0 0 0 <1 330

Contact/Location: Robert Hughes - OXFBUR







Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CALA Sample No. Received : 03 Jun 2024 : WC0941296 Lab Number : 02639464 Tested : 03 Jun 2024 ISO 17025:2017 Accredited Laboratory Diagnosed Unique Number : 5788626 : 03 Jun 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.

OX FLEET CARE

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