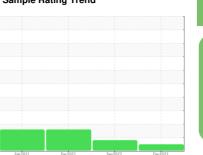


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



GARDNER DENVER P/P VAC (S/N S685303)

Component

Blower

PETRO CANADA SYNDURO SHB ISO 220 (

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sample Number Client Info PCA0110400 PCA0098145 PCA0065578 Sample Date Client Info 22 Dec 2023 06 Sep 2023 15 Dec 2021 Machine Age mths Client Info 2 66 3 Oil Age mths Client Info 2 12 1 Oil Changed Client Info Changed Changed Changed Changed Sample Status NORMAL ABNORMAL ABNORMAL ABNORMAL ABNORMAL CONTAMINATION method limit/base current history1 history2 Water WC Method NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >20 21 1 8 WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >20 21 1 8 Nickel	GAL)		Feb2021	Dec2021	Sep 2023 De	c2023	
Sample Date Client Info 22 Dec 2023 06 Sep 2023 15 Dec 2021 Machine Age mths Client Info 2 66 3 Oil Age mths Client Info 2 12 1 Oil Changed Client Info Changed	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Machine Age mths Client Info 2 66 3 Oil Age mths Client Info 2 12 1 Oil Changed Client Info Changed Changed Changed Sample Status NorMAL ABNORMAL ABNORMAL CONTAMINATION method limit/base current history1 history2 Water WC Method NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >20 21 4 219 Chromium ppm ASTM D5185m >20 21 1 8 Nistory2 Iron ppm ASTM D5185m >20 21 1 4 1 2 0 0 1 4 4 1 2 0 0 1 4 1 2 0 0 0 0 0 0 0 1 <td>Sample Number</td> <td></td> <td>Client Info</td> <td></td> <th>PCA0110400</th> <td>PCA0098145</td> <td>PCA0065573</td>	Sample Number		Client Info		PCA0110400	PCA0098145	PCA0065573
Dil Age	Sample Date		Client Info		22 Dec 2023	06 Sep 2023	15 Dec 2021
Client Info	Machine Age	mths	Client Info		2	66	3
NORMAL ABNORMAL ABNORMAL ABNORMAL ABNORMAL CONTAMINATION method limit/base current history1 history2 water WC Method NEG	Oil Age	mths	Client Info		2	12	1
CONTAMINATION method limit/base current history1 history2 Water WC Method NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >20 22 ▲ 126 ▲ 219 Chromium ppm ASTM D5185m >20 -1 1 8 Nickel ppm ASTM D5185m >20 0 -1 4 Titratium ppm ASTM D5185m >20 0 0 0 Aluminum ppm ASTM D5185m >20 2 0 1 Lead ppm ASTM D5185m >20 -1 0 <1	Oil Changed		Client Info		Changed	Changed	Changed
Water WC Method NEG NEG NEG WEAR METALS method limit/base current history1 history2 ron ppm ASTM D5185m >20 22 126 ≥19 Chromium ppm ASTM D5185m >20 <1 1 8 Nickel ppm ASTM D5185m >20 0 <1 4 Citanium ppm ASTM D5185m >20 0 <1 4 Silver ppm ASTM D5185m >20 2 0 1 Aluminum ppm ASTM D5185m >20 2 0 1 Lead ppm ASTM D5185m >20 <1 0 <1 Copper ppm ASTM D5185m >20 <1 0 <1 Action ppm ASTM D5185m >20 <1 0 0 Action ppm ASTM D5185m 0 0 <1 0	Sample Status				NORMAL	ABNORMAL	ABNORMAL
WEAR METALS method limit/base current history1 history2 ron ppm ASTM D5185m >20 22 ▲ 126 ▲ 219 Chromium ppm ASTM D5185m >20 <1	CONTAMINATIO	NC	method	limit/base	current	history1	history2
Property	Water		WC Method		NEG	NEG	NEG
Chromium	WEAR METALS		method	limit/base	current	history1	history2
Silver	ron	ppm	ASTM D5185m	>20	22	<u> </u>	<u>^</u> 219
STIMENSTRING STIM	Chromium	ppm	ASTM D5185m	>20	<1	1	8
Silver	Nickel	ppm	ASTM D5185m	>20	0	<1	4
Aluminum	Titanium	ppm	ASTM D5185m		<1	2	0
Dead	Silver	ppm	ASTM D5185m		0	0	0
Copper	Aluminum	ppm	ASTM D5185m	>20	2	0	1
Antimony	ead	ppm	ASTM D5185m	>20	<1	0	<1
Antimony	Copper	ppm	ASTM D5185m	>20	<1	<1	<1
Vanadium ppm ASTM D5185m 0 <1 0 Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 8 Barium ppm ASTM D5185m 5.0 2 0 0 Molybdenum ppm ASTM D5185m 2 0 <1 <1 2 Manganese ppm ASTM D5185m 5.0 <1 <1 2 Magnesium ppm ASTM D5185m 5.0 2 0 23 Phosphorus ppm ASTM D5185m 100 126 81 401 Zinc ppm ASTM D5185m 5.0 0 0 154 Sulfur ppm ASTM D5185m 1900 2182 2653 6023 CONTAMINANTS method limit/base current history1 history2	Γin	ppm	ASTM D5185m	>20	<1	0	0
Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 8 Barium ppm ASTM D5185m 5.0 2 0 0 Molybdenum ppm ASTM D5185m 2 0 <1	Antimony	ppm	ASTM D5185m				0
ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 8 Barium ppm ASTM D5185m 2 0 0 Molybdenum ppm ASTM D5185m 2 0 <1	Vanadium	ppm	ASTM D5185m		0	<1	0
Soron ppm ASTM D5185m 0 0 0 8	Cadmium	ppm	ASTM D5185m		0	0	0
Sarium	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 2 0 <1 Manganese ppm ASTM D5185m <1	Boron	ppm	ASTM D5185m		0	0	8
Manganese ppm ASTM D5185m <1 <1 2 Magnesium ppm ASTM D5185m 5.0 <1 <1 0 Calcium ppm ASTM D5185m 5.0 2 0 23 Phosphorus ppm ASTM D5185m 100 126 81 401 Zinc ppm ASTM D5185m 5.0 0 0 154 Sulfur ppm ASTM D5185m 1900 2182 2653 6023 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1 4 3 Godium ppm ASTM D5185m 0 <1 <1 Potassium ppm ASTM D5185m >20 <1 1 <1	Barium	ppm	ASTM D5185m	5.0	2	0	0
Magnesium ppm ASTM D5185m 5.0 <1 <1 0 Calcium ppm ASTM D5185m 5.0 2 0 23 Phosphorus ppm ASTM D5185m 100 126 81 401 Zinc ppm ASTM D5185m 5.0 0 0 154 Sulfur ppm ASTM D5185m 1900 2182 2653 6023 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1 4 3 Sodium ppm ASTM D5185m >20 <1 <1 <1 Potassium ppm ASTM D5185m >20 <1 1 <1	Molybdenum	ppm	ASTM D5185m		2	0	<1
Calcium ppm ASTM D5185m 5.0 2 0 23 Phosphorus ppm ASTM D5185m 100 126 81 401 Zinc ppm ASTM D5185m 5.0 0 0 154 Sulfur ppm ASTM D5185m 1900 2182 2653 6023 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1	Manganese	ppm	ASTM D5185m		<1	<1	2
Phosphorus ppm ASTM D5185m 100 126 81 401 Zinc ppm ASTM D5185m 5.0 0 0 154 Sulfur ppm ASTM D5185m 1900 2182 2653 6023 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1	Magnesium	ppm	ASTM D5185m	5.0	<1	<1	0
Zinc ppm ASTM D5185m 5.0 0 0 154 Sulfur ppm ASTM D5185m 1900 2182 2653 6023 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1	Calcium	ppm	ASTM D5185m	5.0	2	0	23
Sulfur ppm ASTM D5185m 1900 2182 2653 6023 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1	Phosphorus	ppm	ASTM D5185m	100	126	81	401
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1	Zinc	ppm	ASTM D5185m	5.0	0	0	154
Silicon ppm ASTM D5185m >15 <1 4 3 Sodium ppm ASTM D5185m 0 <1 <1 Potassium ppm ASTM D5185m >20 <1 1 <1	Sulfur	ppm	ASTM D5185m	1900	2182	2653	6023
Sodium ppm ASTM D5185m 0 <1 <1 Potassium ppm ASTM D5185m >20 <1	CONTAMINANT	S	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 <1 1 <1	Silicon	ppm	ASTM D5185m	>15	<1	4	3
THE TAXABLE TO THE TA	Sodium	ppm	ASTM D5185m		0	<1	<1
FLUID DEGRADATION method limit/base current history1 history2	Potassium	ppm	ASTM D5185m	>20	<1	1	<1
	FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2

Acid Number (AN)

mg KOH/g ASTM D8045 0.3

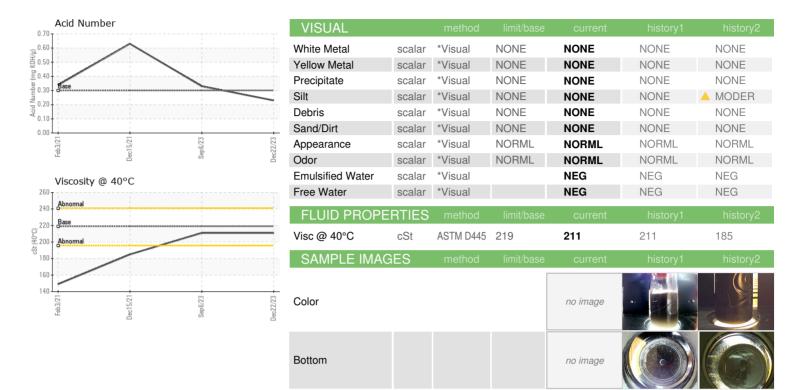
0.33

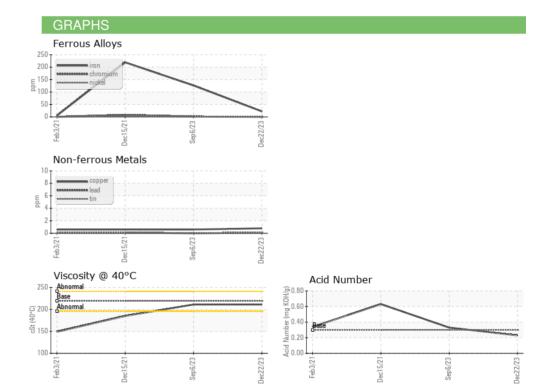
0.23

0.63



OIL ANALYSIS REPORT









Certificate L2367

Laboratory Sample No. Lab Number **Unique Number** Test Package : IND 2

: PCA0110400 : 06065083 : 10836465

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved Diagnosed

: 18 Jan 2024 : 22 Jan 2024 Diagnostician

: Don Baldridge

CERTAINTEED CORP 200 RONTHOR DR SOCIAL CIRCLE, GA

US 30025

Contact: MARK KIRKPATRICK

MARK.W.KIRKPATRICK@SAINT-GOBAIN.COM

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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T: