

PROBLEM SUMMARY

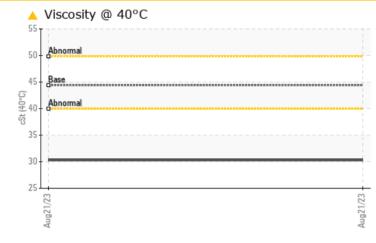
Sample Rating Trend VISCOSITY

HOFFMAN ABL #4 ODE (S/N 126716)

Blower

PETRO CANADA TURBOFLO R&O 46 (1 LTR)

COMPONENT CONDITION SUMMARY



PROBLEMAT	IC TEST R	ESULTS			
Sample Status				ABNORMAL	
Visc @ 40°C	cSt	ASTM D7279(m)	44.4	A 30.3	

Customer Id: PNESTO Sample No.: WC0802939 Lab Number: 02580018 Test Package: IND 2

RECOMMENDATION

Resample at the next service interval to monitor.

To manage this report scan the QR code

To discuss the diagnosis or test data: Kevin Marson +1 (289)291-4644 x4644 Kevin.Marson@wearcheck.com

To change component or sample information: Gloria Gonzalez +1 (289)291-4643 x4643 gloria.gonzalez@wearcheck.com There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

VISCOSITY

HOFFMAN ABL #4 ODE (S/N 126716)

Blower

PETRO CANADA TURBOFLO R&O 46 (1 LTR)

DIAGNOSIS

A 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

Viscosity of sample indicates oil is within ISO 32 range, advise investigate. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

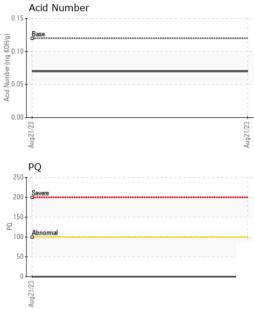
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0802939		
Sample Date		Client Info		21 Aug 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		0		
Iron	ppm	ASTM D5185(m)	>20	2		
Chromium	ppm	ASTM D5185(m)	>20	0		
Nickel	ppm	ASTM D5185(m)	>20	0		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>20	<1		
Lead	ppm	ASTM D5185(m)	>20	0		
Copper	ppm	ASTM D5185(m)	>20	<1		
Tin	ppm	ASTM D5185(m)	>20	0		
Antimony	ppm	ASTM D5185(m)		0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		0		
Barium	ppm	ASTM D5185(m)		0		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)		<1		
Calcium	ppm	ASTM D5185(m)	0	1		
Phosphorus	ppm	ASTM D5185(m)	3	16		
Zinc	ppm	ASTM D5185(m)	0	4		
Sulfur	ppm	ASTM D5185(m)		101		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	0		
Sodium	ppm	ASTM D5185(m)		<1		
Potassium	ppm	ASTM D5185(m)	>20	<1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.12	0.07		



OIL ANALYSIS REPORT







Visc @ 40°C cst ASIM0729(m) 44.4 A 30.3 SAMPLE IMAGES method limit/base current history1 history Color no image no image Return Return Retur		VISUAL		method	limit/base	current	history1	history2
Precipitale scalar Visual* NONE NONE Sitt scalar Visual* NONE NONE		White Metal	scalar	Visual*	NONE	NONE		
Sitt scalar Visual* NONE Debris scalar Visual* NONE		Yellow Metal	scalar	Visual*	NONE	NONE		
Debris scalar Visual* NONE VITE SandDiri scalar Visual* NORM NORM Odor scalar Visual* NORM NORM Odor scalar Visual* NORM NORM Odor scalar Visual* NORM NORM Fluidbled Water scalar Visual* NORM NORM SAMPLE IMAGES method Imitbase current history1 history1 Viscosity @ 40°C cSt ASINDZXM 44.4 A 30.3 GRAPHS Ferrous Alloys Viscosity @ 40°C Viscosity @ 40°C Viscosity @ 40°C <td>-</td> <td>Precipitate</td> <td>scalar</td> <td>Visual*</td> <td>NONE</td> <td>NONE</td> <td></td> <td></td>	-	Precipitate	scalar	Visual*	NONE	NONE		
Sand/Dirt scalar Visual* NONE NONE		Silt	scalar	Visual*	NONE	NONE		
Appearance scalar Visual* NORML NORML Odor scalar Visual* NORML NEG Free Water scalar Visual* NEG Free Water scalar Visual* NEG Fluid PROPERTIES method imit/base current history1 history Visc @ 40°C cSt ASTM D723m 44.4		Debris	scalar	Visual*	NONE	VLITE		
Emulsified Water scalar Visual* NEG Fee Water scalar Visual* NEG FLUID PROPERTIES method Imitbase current history1 history Visc @ 40°C c5t ASTMD729(e) 44.4		Sand/Dirt	scalar	Visual*	NONE	NONE		
Emulsified Water scalar Visual* NEG Fee Water scalar Visual* NEG FLUID PROPERTIES method Imitbase current history1 history Visc @ 40°C c5t ASTMD729(e) 44.4	21/23	Appearance	scalar	Visual*	NORML	NORML		
Free Water scalar Visual* NEG FLUID PROPERTIES method imitbase current history1 history1 Visc @ 40°C cSt ASTN0729m 44.4 A 30.3 SAMPLE IMAGES method imitbase current history1 history1 Color Image no image no image no image no image GRAPHS Ferrous Alloys PQ Image no image no image Non-ferrous Metals Image Image no image no image no image Viscosity @ 40°C Image Image Image Image Image Image Viscosity @ 40°C Image Image Image Image Image Image Viscosity @ 40°C Image Image Image Image Image Image Viscosity @ 40°C Image Image Image Image Image Image Viscosity @ 40°C Image Image Image Image Image Image Viscosity @ 10°C<	Aug	Odor	scalar	Visual*	NORML	NORML		
FLUID PROPERTIES method limit/base current history1 history1 Visc @ 40°C cSt ASIMD723(m) 44.4 A 30.3 SAMPLE IMAGES method limit/base current history1 history1 Color Imit/base current history1 history1 Bottom Imit/base current history1 history2 GRAPHS Ferrous Alloys Mon-ferrous Metals Imit/base Viscosity @ 40°C		Emulsified Water	scalar	Visual*		NEG		
Visc @ 40°C ost ASIMD729m 44.4 A 30.3 SAMPLE IMAGES method imitbase current history1 history Color no image no image no image no image Color no image no image		Free Water	scalar	Visual*		NEG		
SAMPLE IMAGES method limit/base current history1 history Color no image no image no image no image no image no image no im		FLUID PROPERT	IES	method	limit/base	current	history1	history2
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Bottom Description no image no image GRAPHS Ferrous Alloys PQ PQ PQ PQ Image Image PQ Image		SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Bottom Description no image no image GRAPHS Ferrous Alloys PQ PQ PQ PQ Image Image PQ Image								
CALLE LABORATORY Sample No. Laboratory Sample No. Laboratory Sampl	Aug21/23 -	Color					no image	no image
Ferrous Alloys PQ Image: State of the stat		Bottom					no image	no image
Laboratory Sample No. Lab Withown Provided Unique Number Unique Number Unique Number Stated Non-ferrous Metals WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Diagnosed :: 05 Sep 2023 PNEU-AIR COMPRESSORS L 429 DEWITT ROAD, UNIT # Stated Diagnosed :: 05 Sep 2023		GRAPHS						
Non-ferrous Metals Mon-ferrous Metals Mon-fe		Ferrous Alloys						
Laboratory Sample No. Lab Number Unique Number Uscosti WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Sample No. Lab Number Uscosti Biologia Stroke C C8-1175 Appleby Line, Burlington, ON L7L 5H9 Uscosti Biologia Stroke C C8-1175 Appleby Line, Burlington, ON L7L 5H9 Uscosti Biologia Stroke C C8-1175 Appleby Line, Burlington, ON L7L 5H9 Uscosti Biologia Stroke C C8-1175 Appleby Line, Burlington, ON L7L 5H9 Uscosti Biologia Stroke C C8-1175 Appleby Line, Burlington, ON L7L 5H9 Uscosti Biologia Stroke C C8-1175 Appleby Line, Burlington, ON L7L 5H9 Uscosti Biologia Stroke C C8-1175 Appleby Line, Burlington, ON L7L 5H9 Uscosti Biologia Stroke C C8-1175 Appleby Line, Burlington, ON L7L 5H9 Uscosti Biologia Stroke C C8-1175 Appleby Line, Burlington, ON L7L 5H9 Uscosti Biologia Stroke C C8-1175 Appleby Line, Burlington, ON L7L 5H9 Uscosti Biologia Stroke C C8-1175 Appleby Line, Burlington, ON L7L 5H9 Uscosti Biologia Stroke C Cate Alter A Contact: Altison N					220			
Non-ferrous Metals Non-ferrous Metals Non-ferrous Metals Viscosity @ 40°C Viscosity @ 10°C Viscosity @ 40°C Viscosity @ 10°C Viscosity @ 10°C Viscos		o - chromium			200	Severe		
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Non-ferrous Metals Non-ferrous Metals Viscosity @ 40°C Viscosity @ 40°C Viscosit		Aug				Abnormal		
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Acid Number Acid Number Acid Number Acid Number Acid Number Processors L Acid Number Acid Number Processors L Acid Number Acid					80			
Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7 Sample No. : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7 Yuscosity : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7 Yuscosity : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7 Yuscosity : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7 Yuscosity : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7 Yuscosity : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7 Yuscosity : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7 Yuscosity : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7 Yuscosity : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7 Yuscosity : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7 Yuscosity : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7 Yuscosity : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7		o - sesses lead			60			
Laboratory WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7 Sample No. WC0802939 Received :01 Sep 2023 Laboratory :025800118 Diagnosed :05 Sep 2023 Vincetter :5633078 Diagnosed :05 Sep 2023 Stroney :Contact: Allison N					40			
Laboratory WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 PNEU-AIR COMPRESSORS L7 Sample No. WC0802939 Received :01 Sep 2023 Laboratory :025800118 Diagnosed :05 Sep 2023 Vincetter :5633078 Diagnosed :05 Sep 2023 Stroney :Contact: Allison N		2			20-			
Viscosity @ 40°C Acid Number Acid Number Acid Number Acid Number Acid Number PNEU-AIR COMPRESSORS L Acid Number PN		0						
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CALA Sample No. : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Sample No. : WC0802939 Lab Number : 02580018 Unique Number : 5633078 Test Package : IND 2		Abnormal			ຍັບ.10 ອ			
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CALA Sample No. : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Sample No. : WC0802939 Lab Number : 02580018 Unique Number : 5633078 Test Package : IND 2		1			Acid			
CALA Sample No.: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : WC0802939PNEU-AIR COMPRESSORS L 429 DEWITT ROAD, UNIT # 429 DEWITT ROAD, UNIT # 1025800187025:2017 redited foratoryLab Number : 02580018: 02580018 DiagnosticianDiagnosed : 05 Sep 20239NEU-AIR COMPRESSORS L 429 DEWITT ROAD, UNIT # 2025 STONEY CREEK, G CA L8E 4 Contact: Allison N						1/23		
CALA Sample No. : WC0802939 Received : 01 Sep 2023 429 DEWITT ROAD, UNIT # 7025:2017 Lab Number : 02580018 Diagnosed : 05 Sep 2023 STONEY CREEK, I Unique Number : 5633078 Diagnostician : Kevin Marson CA L8E 4 Test Package : IND 2 Contact: Allison N		Aug2			Aug21	Aug2		
Unique Number : 5633078 Diagnostician : Kevin Marson CA L8E 4 Voratory Test Package : IND 2 Contact: Allison N	Sample No.	: WC0802939	Received	: 01 \$	Sep 2023		29 DEWITT RO	AD, UNIT # 1
	Unique Number	: 5633078	•					CA L8E 4G
			ice at 1-80	00-268-2131				@pneuair.co

Validity of results and interpretation are based on the sample and information as supplied.

F: (905)662-1766