

### **OIL ANALYSIS REPORT**

# Greater Toronto Airport Authority - S06600 A2407013

Unknown Component Fluid PETRO CANADA TURBOFLO R&O 46 (--- G

Recommendation We certify this oil to be clean and dry.

iAL)				Jul2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Batch #		Client Info		2024 06 0881		
Department		Client Info		Production		
Sample From		Client Info		Machine		
Production Stage		Client Info		Final		
Sent to WC		Client Info		07/03/2024		
Sample Number		Client Info		E30002559		
Sample Date		Client Info		03 Jul 2024		
Machine Age	hrs	Client Info		0		
Dil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185(m)		<1		
Chromium	ppm	ASTM D5185(m)		0		
Nickel	ppm	ASTM D5185(m)		<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)		<1		
_ead	ppm	ASTM D5185(m)		0		
Copper	ppm	ASTM D5185(m)		1		
Гin	ppm	ASTM D5185(m)		0		
Antimony	ppm	ASTM D5185(m)		0		
/anadium	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)		<1		
Barium	ppm	ASTM D5185(m)		0		
Volybdenum	ppm	ASTM D5185(m)		0		
Vanganese	ppm	ASTM D5185(m)		0		
Vagnesium	ppm	ASTM D5185(m)		<1		
Calcium	ppm	ASTM D5185(m)	0	1		
Phosphorus	ppm	ASTM D5185(m)	3	224		
Zinc	ppm	ASTM D5185(m)	0	5		
Sulfur	ppm	ASTM D5185(m)		552		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		0		
Sodium	ppm	ASTM D5185(m)		0		
Potassium	ppm	ASTM D5185(m)	>20	<1		
Water	%	ASTM D6304*	-	0.00		
ppm Water	ppm	ASTM D6304*		0		

Sample Rating Trend



NORMAL



## **OIL ANALYSIS REPORT**

>5000

>10

0.12

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

44.4

6.72

104

ASTM D7647

ASTM D7647

ASTM D974\*

Visual\*

Visual\*

Visual\*

Visual\*

Visual\*

Visual\*

Visual\*

Visual\*

Visual\*

ASTM D7279(m)

ASTM D7279(m)

ASTM D2270'

scalar Visual\*

mg KOH/g

scalar

scalar

scalar

scalar

scalar

scalar

scalar

scalar

scalar

cSt

cSt

Scale

ASTM D7647 >640

ASTM D7647 >160

ASTM D7647 >40

ASTM D7647 >3

ISO 4406 (c) >19/16/14

1004

323

18

5

0

0

0.07

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

NEG

NEG

46.4

6.8

100

17/16/11

**FLUID CLEANLINESS** 

FLUID DEGRADATION

Particles >4µm

Particles >6um

Particles >14um

Particles >21µm

Particles >38µm

Particles >71µm

**Oil Cleanliness** 

Acid Number (AN)

White Metal

Yellow Metal

Precipitate

Silt

Debris

Odor

Color

Bottom

Sand/Dirt

Appearance

Free Water

Visc @ 40°C

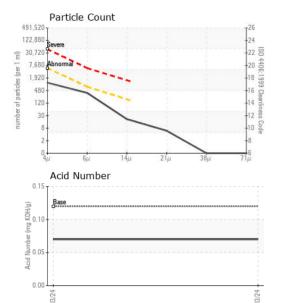
Visc @ 100°C

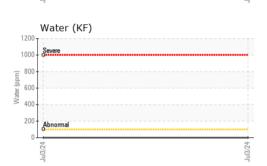
Viscosity Index (VI)

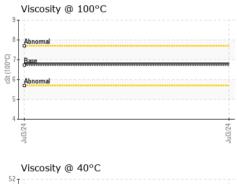
SAMPLE IMAGES

**Emulsified Water** 

FLUID PROPERTIES









Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Environmental 360 Solutions Ltd. CALA Sample No. : E30002559 Received : 08 Jul 2024 640 Victoria Street Lab Number Tested : 09 Jul 2024 : 02646241 Cobourg, ON ISO 17025:2017 Accredited Unique Number : 5811793 Diagnosed : 10 Jul 2024 - Tatiana Sorkina CA K9A 5H5 Laboratory Test Package : IND 2 ( Additional Tests: KF, KV100, PrtCount, VI ) Contact: Tatiana Sorkina To discuss this sample report, contact Customer Service at 1-905-372-2251. tsorkina@e360s.ca T: (800)263-3939 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. F: (905)373-4950 Validity of results and interpretation are based on the sample and information as supplied.

Report Id: CHECOB [WCAMIS] 02646241 (Generated: 07/10/2024 10:45:30) Rev: 1

COB Page 2 of 2

no image

no image

no image

no image

oplica.	1.(000)070 -
Contact/Location:	Tatiana Sorkina - CHE