

OIL ANALYSIS REPORT

Sample Rating Trend



VILTER VILTER 5 (S/N 201373)

Component

Compressor Fluid

PETRO CANADA REFLO SYNTHETIC 68A LOW TEMP FLUID (--- GAL)

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

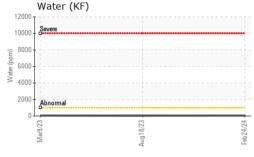
Fluid Condition

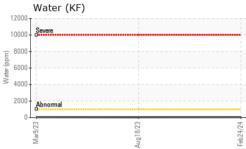
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

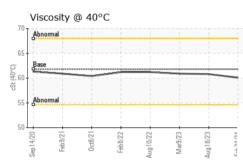
ริสตร์2020 Fab2021 Oct2021 Fab2022 Aug2022 Mar2023 Aug2023 Fab2024						
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0092597	PCA0102076	PCA0092581
Sample Date		Client Info		24 Feb 2024	18 Aug 2023	09 Mar 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	NORMAL
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	<1	<1
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	0	<1
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	<1	0	<1
Tin	ppm	ASTM D5185m	>15	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
Cadillium	РРПП	AO INI DO IOSIII		< 1	O	O
ADDITIVES	ррш	method	limit/base	current	history1	history2
	ppm		limit/base			
ADDITIVES		method		current	history1	history2
ADDITIVES Boron	ppm	method ASTM D5185m	0	current 0	history1	history2
ADDITIVES Boron Barium	ppm	method ASTM D5185m ASTM D5185m	0	current 0 0	history1 0 0	history2 0 0
ADDITIVES Boron Barium Molybdenum	ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m	0	current 0 0 <	history1 0 0 0	history2 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese	ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 0	current 0 0 0 <1 <1	history1 0 0 0 0	history2 0 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 0	current 0 0 <	history1 0 0 0 0 0	history2 0 0 0 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	0 0 0 0 0 0	current 0 0 <1 <1 <1 <1 0	history1 0 0 0 0 0 0 2	history2 0 0 0 0 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	method ASTM D5185m	0 0 0 0 0	current 0 0 <	history1 0 0 0 0 0 0 2 1	history2 0 0 0 0 0 0 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	0 0 0 0 0 0 0	current 0 0 <-1 <-1 <-1 0 <-1 0 <-1 0	history1 0 0 0 0 0 0 2 1 0	history2 0 0 0 0 0 0 0 0 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	0 0 0 0 0 0 0	current 0 0 <1 <1 <1 <1 0 <1 0 <1 0 <1 0 <1 0	history1 0 0 0 0 0 2 1 0 22	history2 0 0 0 0 0 0 0 0 0 0 98
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN	ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	0 0 0 0 0 0 0 0 0	current 0 0 0 <1 <1 <1 <1 0 <1 0 <1 0 current	history1 0 0 0 0 0 2 1 0 22 history1	history2 0 0 0 0 0 0 0 0 0 0 98 history2
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon	ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	0 0 0 0 0 0 0 0 0	current 0 0 0 <1 <1 <1 0 <1 0 <1 0 current <1	history1 0 0 0 0 0 2 1 0 22 history1 <1	history2 0 0 0 0 0 0 0 0 0 98 history2
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium	ppm	method ASTM D5185m	0 0 0 0 0 0 0 0 0 0	current 0 0 0 <1 <1 <1 <1 0 <1 0 current <1 4	history1 0 0 0 0 0 2 1 0 22 history1 <1 0	history2 0 0 0 0 0 0 0 0 0 0 0 98 history2 2 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium	ppm	method ASTM D5185m	0 0 0 0 0 0 0 0 0 limit/base >25	current 0 0 0 <1 <1 <1 0 <1 0 <1 0 current <1 4 <1	history1 0 0 0 0 0 2 1 0 22 history1 <1 0 0	history2 0 0 0 0 0 0 0 0 0 98 history2 2 0 <1
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium Water	ppm	method ASTM D5185m ASTM D6304	0 0 0 0 0 0 0 0 0 limit/base >25	current 0 0 0 <1 <1 <1 0 <1 0 <1 0 current <1 0 0	history1 0 0 0 0 0 2 1 0 22 history1 <1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	history2 0 0 0 0 0 0 0 0 0 98 history2 2 0 <1 0.003



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VISUAL		method				history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	▲ MODER	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

FLUID PROP	ERITES	method	ilmit/base		nistory i	nistory
Visc @ 40°C	cSt	ASTM D445	61.8	60.1	60.8	60.9

SAMPI	ΙFΙ	MAGES
C/ tivii		IVII KOLO

Color

Bottom

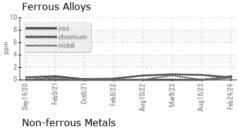


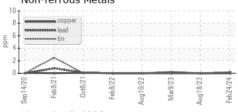


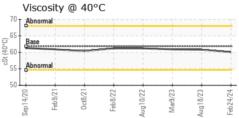


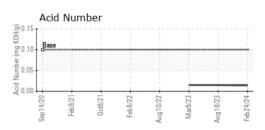


GRAPHS













Laboratory Sample No. Lab Number : 06106218 Unique Number : 10909715

: PCA0092597

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

Tested Diagnosed Test Package : IND 2 (Additional Tests: KF)

: 01 Mar 2024 : 05 Mar 2024

: 05 Mar 2024 - Don Baldridge

SMITHFIELD FOODS ONE SWEET APPLEWOOD LANE

CUDAHY, WI US 53110

Contact: PETE LERAY pleray@smithfield.com T: (414)918-3258

Contact/Location: PETE LERAY - SMICUD

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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