

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

PETRO CANADA TURBOFLO R&O 220

Component New (Unused) Oil Fluid {not provided} (--- GAL)

Recommendation

This is a baseline read-out on the submitted sample.

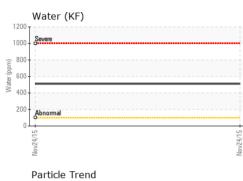
				Nov2015		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP149543		
Sample Date		Client Info		24 Nov 2015		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>10	<1		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>2	0		
Fitanium	ppm	ASTM D5185m	>2	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>10	0		
_ead	ppm	ASTM D5185m	>10	<1		
Copper	ppm	ASTM D5185m	>50	0		
Fin	ppm	ASTM D5185m	>10	0		
Antimony	ppm	ASTM D5185m	210	0		
/anadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
	ррш					
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		5		
Barium	ppm	ASTM D5185m		1		
Volybdenum	ppm	ASTM D5185m		0		
Vanganese	ppm	ASTM D5185m		0		
Vagnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		<1		
Phosphorus	ppm	ASTM D5185m		6		
Zinc	ppm	ASTM D5185m		3		
Sulfur	ppm	ASTM D5185m		3945		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	<1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	16		
Vater	%	ASTM D6304		0.051		
opm Water	ppm	ASTM D6304		510		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	884		
Particles >6µm		ASTM D7647	>1300	481		
Particles >14µm		ASTM D7647	>160	82		
Particles >21µm		ASTM D7647		27		
Particles >38µm		ASTM D7647	>10	4		
Particles >71µm		ASTM D7647		0		
Dil Cleanliness		ISO 4406 (c)	>19/17/14	17/16/14		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.112		
·18·34) Bov: 1	ing NOLI/9	A0 HW D0040	Cont	o.112 act/Location: BL		

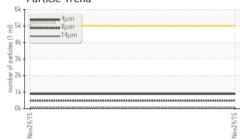
Report Id: ADMFREPRO [WUSCAR] 03871446 (Generated: 02/16/2024 15:18:34) Rev: 1

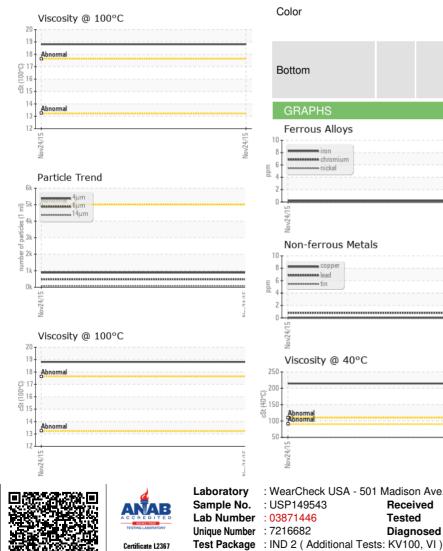
Contact/Location: BUTCH RUPERT - ADMFREPRO



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VISUAL		method	limit/base	current	history1	history2
Vhite Metal	scalar	*Visual	NONE	NONE		
ellow Metal	scalar	*Visual	NONE	NONE		
recipitate	scalar	*Visual	NONE	NONE		
ilt	scalar	*Visual	NONE	NONE		
ebris	scalar	*Visual	NONE	NONE		
and/Dirt	scalar	*Visual	NONE	NONE		
ppearance	scalar	*Visual	NORML	NORML		
dor	scalar	*Visual	NORML	NORML		
mulsified Water	scalar	*Visual		0.1%		
ree Water	scalar	*Visual		NEG		
FLUID PROPERT	IES	method	limit/base	current	history1	history2
isc @ 40°C	cSt	ASTM D445		214.6		
isc @ 100°C	cSt	ASTM D445		18.81		
iscosity Index (VI)	Scale	ASTM D2270		97		
SAMPLE IMAGES		method	limit/base	current	history1	history2
SAMPLE IMAGES	5	method	iiiiii/base	current	TIISTOLA	TIIStOLYZ
Color				no image	no image	no image
ottom				no image	no image	no image
				noimage	no image	no image
GRAPHS				no image	nonnage	no image
			401 520	Particle Count		
GRAPHS			491.520	Particle Count		
GRAPHS Ferrous Alloys			491.520	Particle Count		
GRAPHS Ferrous Alloys				Particle Count		-24
GRAPHS Ferrous Alloys			122,880	Particle Count		-24 -24 -22
GRAPHS Ferrous Alloys			122,880 30,720	Particle Count Severe		-24 -24 -22
GRAPHS Ferrous Alloys			122,880 30,720	Particle Count Severe		-24 -24 -22
GRAPHS Ferrous Alloys	5		122,880 30,720	Particle Count		-24 -24 -22
GRAPHS Ferrous Alloys	s		122.880 30.720 5 UF7700 9 122.880 30.720 5 UF7700 9 122.880 9 122.880 120.890 120.890 120.890 120.890 120.890 120.890 120.890 120.890 120.890 120.890 120.890 120.890 120.890 120.890 120.890 120.890 120.890 120.890 120.890 120.	Particle Count		-24 -24 -22 -22 -20 -18 -16
GRAPHS Ferrous Alloys	5		122.880 30.720 SUFFCMA SUFFCMA 1.920 480 1.920 480 1.920 1.920	Particle Count		-24 -24 -22 -22 -20 -18 -16
GRAPHS Ferrous Alloys	5		122,880 30,720 5UV72000 5UV72000 9000 8000 8000 8000 8000 8000 8000	Particle Count		-24 -24 -22 -20 -18 -16
GRAPHS Ferrous Alloys	s		122.880 30.720 SUFFCMA SUFFCMA 1.920 480 1.920 480 1.920 1.920	Particle Count		-24 -24 -22 -22 -20 -18 -16
GRAPHS Ferrous Alloys	5		122.880 30.720 SUFFON UFTON UFTON UFTON UFTON UFTON UFTON UFTON UFTON UFTON	Particle Count Severe		26 -24 -22 -20 -18 -16 -14 -12 -10
GRAPHS Ferrous Alloys	s		122.880 30.720 (IIII 1.920 SUF200W 1.920 SUF200W 1.920 SUF200 SUF200 SUF200	Particle Count		-24 -24 -22 -20 -18 -16 -14 -12
GRAPHS Ferrous Alloys	5		122.880 30.720 SUFFCON	Particle Count Severe		24 -24 -22 -22 -18 -14 -14 -12 -10
GRAPHS Ferrous Alloys iron iron iron iron iron iron iron iron	5		122.880 30.720 SU1770 SU17700	Particle Count Severe Abnormal		26 -24 -22 -20 -18 -16 -14 -12 -10 -8
GRAPHS Ferrous Alloys	s		122.880 30.720 SU1770 SU17700	Particle Count Severe Abnormal		26 -24 -22 -20 -18 -16 -14 -12 -10 -8
GRAPHS Ferrous Alloys	5		122.880 30.720 SU1770 SU17700	Particle Count Severe Abnormal		26 -24 -22 -20 -18 -16 -14 -12 -10 -8
GRAPHS Ferrous Alloys	s		122.880 30.720 SU1770 SU17700	Particle Count Severe Abnormal		26 -24 -22 -20 -18 -16 -14 -12 -10 -8
GRAPHS Ferrous Alloys Ferrous Alloys Non-ferrous Metals Copper Lin Lin Viscosity @ 40°C Lin Abnormal	S		122.880 30.720 SU1770 SU17700	Particle Count Severe Abnormal		26 -24 -22 -20 -18 -16 -14 -12 -10 -8
GRAPHS Ferrous Alloys	s		122.880 30.720 SUF5700W 1900 SUF570W 1900 SUF5700W 1900 SUF5700W 1900 SUF570W 19	Particle Count		
GRAPHS Ferrous Alloys	S		122.880 30.720 SU1770 SU17700	Particle Count Severe Abnormal		
GRAPHS Ferrous Alloys			122.880 30.720 SU/FZONN IIII 1.920 SU/FZONN IIIII 1.920 SU/FZONN IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Particle Count	14μ 21μ	
GRAPHS Ferrous Alloys Formula		-	122.880 30.720 SU/FZONN IIII 1.920 SU/FZONN IIIII 1.920 SU/FZONN IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Particle Count		

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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F:

Contact: BUTCH RUPERT

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