

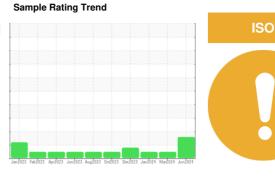
OIL ANALYSIS REPORT

MP-103

B72335 - VACUUM PUMP BUSCH (630) STACK PACK B72335

Vacuum Pump

PETRO CANADA PURITY FG SYNTHETIC 100 (15 LTR)



Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

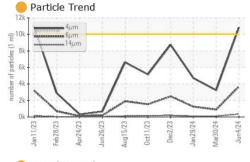
Fluid Condition

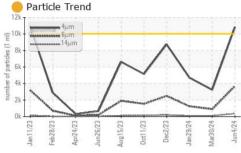
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

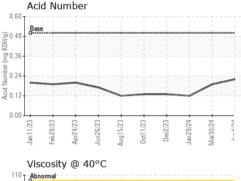
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0921406	WC0907992	WC0885408
Sample Date		Client Info		04 Jun 2024	30 Mar 2024	29 Jan 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	NORMAL	NORMAL
CONTAMINATION	I	method	limit/base	current	history1	history2
Water		WC Method	>.1	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0	0	<1
Chromium	ppm	ASTM D5185m	>20	0	0	0
Nickel	ppm	ASTM D5185m	>20	<1	0	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>20	<1	2	<1
Lead	ppm	ASTM D5185m	>20	0	0	0
Copper	ppm	ASTM D5185m	>20	0	0	0
Tin	ppm	ASTM D5185m	>20	<1	<1	0
Vanadium	ppm	ASTM D5185m	720	0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
	рріп		11 11 11			
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		<1	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m		<1	<1	0
Calcium	ppm	ASTM D5185m		3	0	0
Phosphorus	ppm	ASTM D5185m		545	580	283
Zinc	ppm	ASTM D5185m		9	0	0
Sulfur	ppm	ASTM D5185m		1577	1694	752
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	3	4	5
Sodium	ppm	ASTM D5185m		3	3	3
Potassium	ppm	ASTM D5185m	>20	2	<1	0
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	10831	3237	4702
Particles >6µm		ASTM D7647	>2500	3692	890	1239
Particles >14µm		ASTM D7647	>320	350	95	88
Particles >21µm		ASTM D7647	>80	88	29	17
Particles >38µm		ASTM D7647	>20	5	2	0
Particles >71µm		ASTM D7647	>4	1	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	21/19/16	19/17/14	19/17/14
FLUID DEGRADA	LION -	method	limit/base	current	history1	history2
TEOID DEGITADA	-1011	modilou		Garrent	— motory i	- mstory2

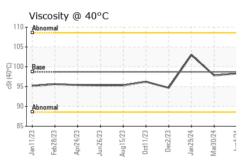


OIL ANALYSIS REPORT









VISUAL						
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	NONE	NONE	NONE
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	>.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	TIES	method	limit/hase	current	history1	history2

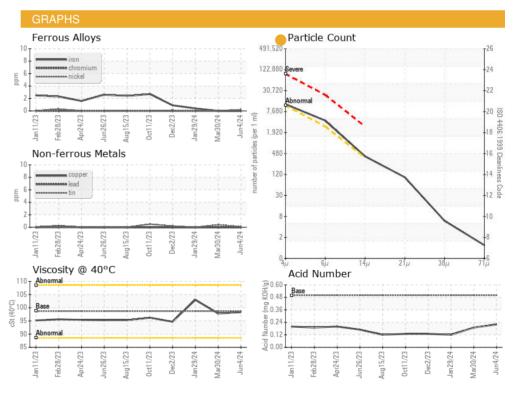
Visc @ 40°C	cSt	ASTM D445	98.7	98.3	97.8	103

SAMPLE IMAGES			
	C V V V		INAACES
	SAIVI	FLE	IIVIAGES

Color

Bottom









Laboratory Sample No.

Lab Number : 06204550 Unique Number : 11072011

: WC0921406

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

: 12 Jun 2024 Diagnosed

: 12 Jun 2024 - Angela Borella

: 10 Jun 2024

Test Package : IND 2 (Additional Tests: PrtCount) Certificate 12367 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)

Report Id: HORAUS [WUSCAR] 06204550 (Generated: 06/12/2024 16:58:38) Rev: 1

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