

OIL ANALYSIS REPORT

Sample Rating Trend



Area

GRIND ROOM [98967362]

KR-GR-002489 - INCLINE AUGER 4A (S/N GRIND A - 11513016)

Gearbox

Fluid

PETRO CANADA 220 (17 QTS)

DIAGNOSIS

Recommendation

We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

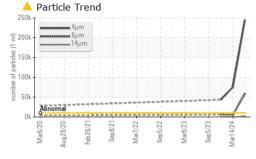
Fluid Condition

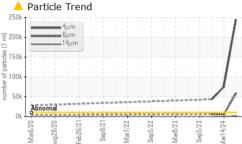
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

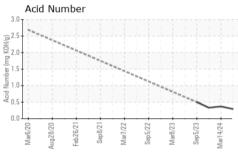
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0122299	PCA0116075	PCA0110818
Sample Date		Client Info		24 May 2024	14 Mar 2024	12 Nov 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
CONTAMINATI	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	NEG
WEAR METALS	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	47	9	24
Chromium	ppm	ASTM D5185m	>15	<1	<1	0
Nickel	ppm	ASTM D5185m	>15	0	0	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	3	<1
Lead	ppm	ASTM D5185m	>100	<1	<1	0
Copper	ppm	ASTM D5185m	>200	<1	<1	<1
Tin	ppm	ASTM D5185m	>25	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	<1	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<1	2	2
Barium	ppm	ASTM D5185m		<1	<1	7
Molybdenum	ppm	ASTM D5185m		<1	<1	0
Manganese	ppm	ASTM D5185m		<1	<1	0
Magnesium	ppm	ASTM D5185m		<1	<1	<1
Calcium	ppm	ASTM D5185m		112	71	55
Phosphorus	ppm	ASTM D5185m		450	408	377
Zinc	ppm	ASTM D5185m		5	1	0
Sulfur	ppm	ASTM D5185m		3431	2980	3227
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	5	4	3
Sodium	ppm	ASTM D5185m		1	0	0
Potassium	ppm	ASTM D5185m	>20	2	2	1
FLUID CLEANL	INESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647	>10000	244586	<u> </u>	43445
Particles >6µm		ASTM D7647	>2500	<u>▲</u> 58363	<u></u> 5700	▲ 6023
Particles >14μm		ASTM D7647	>640	<u> </u>	83	234
Particles >21µm		ASTM D7647	>160	131	15	52
Particles >38μm		ASTM D7647	>40	1	0	1
Particles >71μm		ASTM D7647	>10	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/16	<u>\$\text{\scale}\$ 25/23/17</u>	<u>23/20/14</u>	<u>\$\text{23}\20\/15\$</u>
FLUID DEGRAD	OATION	method	limit/base	current	history1	history2

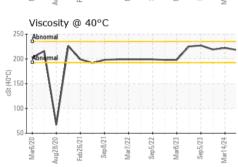


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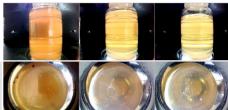
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
	DTIEC		Proceeds the management		Internal	la la La va o

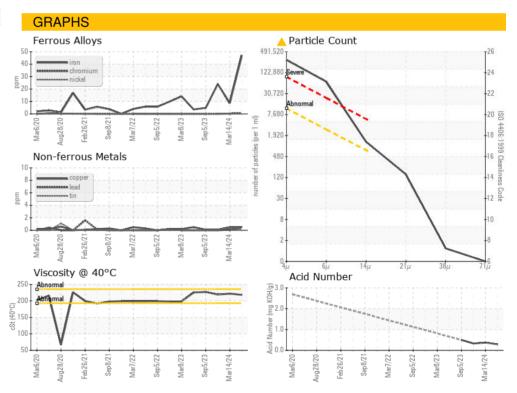
FLUID PROP	ERITES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		218	222	219

SAMPLE IMAGES	method	limit/base	current	history1	history2

Color











Certificate 12367

Laboratory Sample No.

Lab Number : 06195364

: PCA0122299 Unique Number : 11057487

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 30 May 2024 **Tested**

Diagnosed Test Package : IND 2 (Additional Tests: PrtCount)

: 31 May 2024 : 31 May 2024 - Angela Borella

KraftHeinz - Kirksville - Plant 8333 PCA 2504 INDUSTRIAL DR KIRKSVILLE, MO US 63501

Contact: WALLACE WARD

wallace.ward@kraftheinzcompany.com T: (660)627-1031

* - 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: KRAKIR [WUSCAR] 06195364 (Generated: 05/31/2024 20:24:38) Rev: 1

Submitted By: Wilberto Pacheco Garcia

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