

OIL ANALYSIS REPORT

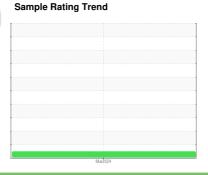
ICE ROOM [98784351]

KR-GR-006291 - NORTH ICE MAKER TOP CENTER (S/N ICE ROOM - 11519355)

Component

Gearbox

PETRO CANADA PURITY FG SYNTH EP GE





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: 98784351)

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

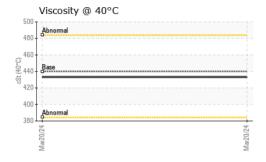
Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION method limit/base current history1 history2 Sample Number Client Info 20 Mar 2024	AR FLUID 460 (-	GAL)			Mar2024		
Client Info Client Info Color Client Info Client	SAMPLE INFOR	RMATION	I method			history1	history2
Cample Date Client Info Qo Mar 2024	Sample Number		Client Info		PCA0120503		
Machine Age			Client Info		20 Mar 2024		
Dit Age	•	hrs			0		
Discription		hrs	Client Info		0		
CONTAMINATION method limit/base current history1 history2					N/A		
WEAR METALS					NORMAL		
WEAR METALS method limit/base current history1 history2 ron ppm ASTM D5185m >200 30 chromium ppm ASTM D5185m >15 0 chickel ppm ASTM D5185m 0 chickel ppm ASTM D5185m 0 <td>CONTAMINAT</td> <td>ION</td> <td>method</td> <td>limit/base</td> <td>current</td> <td>history1</td> <td>history2</td>	CONTAMINAT	ION	method	limit/base	current	history1	history2
Description	Vater		WC Method	>0.2	NEG		
ASTM D5185m SIEVER SIEVE	WEAR METAL	_S	method	limit/base	current	history1	history2
Description	ron	ppm	ASTM D5185m	>200	30		
Activation Act	Chromium		ASTM D5185m	>15	0		
Silver					_		
ASTM D5185m D				-			
ASTM D5185m >25					_		
ASTM D5185m >100				>25			
ASTM D5185m D	-				-		
ASTM D5185m Por							
Astronometric Astronometri	• •				_		
ADDITIVES				>20			
ADDITIVES					_		
ASTM D5185m O		ppm	ASTM D5185m		0		
Description	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 11 Manganese ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m 0 0 Phosphorus ppm ASTM D5185m 0 0 Phosphorus ppm ASTM D5185m 0 0 Vinc ppm ASTM D5185m 0 0 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 <1 Goldium ppm ASTM D5185m >50 <1 Solicon ppm ASTM D5185m >20 0 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE <		ppm	ASTM D5185m	0			
Alanganese ppm ASTM D5185m 0 Alagnesium ppm ASTM D5185m 0 0 Acalcium ppm ASTM D5185m 0 0 Phosphorus ppm ASTM D5185m 600 613 Finice ppm ASTM D5185m 0 0 Bulfur ppm ASTM D5185m 500 1341 CONTAMINANTS method limit/base current history1 history2 Gilicon ppm ASTM D5185m >50 <1	Barium	ppm	ASTM D5185m		0		
Magnesium ppm ASTM D5185m 0 0 Calcium ppm ASTM D5185m 0 0 Chosphorus ppm ASTM D5185m 600 613 Cinc ppm ASTM D5185m 0 0 Sulfur ppm ASTM D5185m 500 1341 CONTAMINANTS method limit/base current history1 history2 Colicon ppm ASTM D5185m >50 <1	Nolybdenum	ppm	ASTM D5185m				
Calcium ppm ASTM D5185m 0 0 Phosphorus ppm ASTM D5185m 600 613 Cinc ppm ASTM D5185m 0 0 Sulfur ppm ASTM D5185m 500 1341 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 <1	/langanese	ppm	ASTM D5185m		0		
Phosphorus ppm ASTM D5185m 600 613 Finc ppm ASTM D5185m 0 0 Sulfur ppm ASTM D5185m 500 1341 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 <1	/lagnesium	ppm	ASTM D5185m	0	0		
Contamination	Calcium	ppm	ASTM D5185m	0	0		
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 <1	hosphorus	ppm	ASTM D5185m	600	613		
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 <1	linc	ppm	ASTM D5185m	0	0		
Solition ppm ASTM D5185m >50 <1	Sulfur	ppm	ASTM D5185m	500	1341		
Sodium ppm ASTM D5185m 0 Potassium ppm ASTM D5185m >20 0 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE Vellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Seand/Dirt scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.2 NEG	CONTAMINAN	NTS	method	limit/base	current	history1	history2
VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Yerecipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Smulsified Water scalar *Visual >0.2 NEG	ilicon	ppm	ASTM D5185m	>50	<1		
VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE Yellow Metal scalar *Visual NONE NONE Yerecipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Smulsified Water scalar *Visual >0.2 NEG	Sodium	ppm	ASTM D5185m		0		
Vinite Metal scalar *Visual NONE NONE Vellow Metal scalar *Visual NONE NONE Verecipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Simulsified Water scalar *Visual >0.2 NEG	otassium	ppm	ASTM D5185m	>20	0		
Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.2 NEG	VISUAL		method	limit/base	current	history1	history2
Precipitate	Vhite Metal	scalar	*Visual	NONE	NONE		
Silt scalar *Visual NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Ddor scalar *Visual NORML NORML Imulsified Water scalar *Visual >0.2 NEG	'ellow Metal	scalar	*Visual	NONE	NONE		
Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Seppearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Imulsified Water scalar *Visual >0.2 NEG	recipitate	scalar	*Visual	NONE	NONE		
NONE	•	scalar	*Visual	NONE	NONE		
Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Door scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.2 NEG		scalar					
ppearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Imulsified Water scalar *Visual >0.2 NEG							
Odor scalar *Visual NORML NORML mulsified Water scalar *Visual >0.2 NEG					_		
mulsified Water scalar *Visual >0.2 NEG	• •						
	ree Water	scalar	*Visual	~ V.L	NEG		

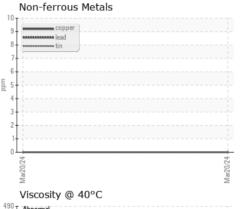


OIL ANALYSIS REPORT





Ferrous Alloys E 15







Laboratory Sample No. Lab Number : 06133746 Unique Number : 10953211

: PCA0120503

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

Received **Tested** Diagnosed

: 29 Mar 2024 : 01 Apr 2024

: 03 Apr 2024 - Sean Felton

KraftHeinz - Kirksville - Plant 8333 PCA 2504 INDUSTRIAL DR

KIRKSVILLE, MO

US 63501 Contact: Wilberto Pacheco Garcia

Test Package : IND 1 Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

Wilberto.PachecoGarcia@kraftheinz.com T:

* - 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)

F: (660)627-5887 Submitted By: Wilberto Pacheco Garcia