

OIL ANALYSIS REPORT

Saint





Machine Id
OR938
Component
Rear Right Final Drive
Fluid
RETER CANADA RECOLU

PETRO CANADA PRODURO TO-4 SAE 30 (5 LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

Fluid Condition

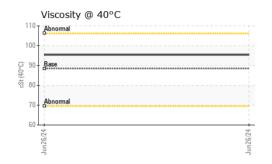
The condition of the oil is acceptable for the time in service.

RO TO-4 SAE 30	(5 LTR)			Jun2024		
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0124536		
Sample Date		Client Info		26 Jun 2024		
Machine Age	hrs	Client Info		11423		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINA	TION	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR META	LS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>800	140		
Chromium	ppm	ASTM D5185(m)	>10	<1		
Nickel	ppm	ASTM D5185(m)	>5	<1		
Titanium	ppm	ASTM D5185(m)	>15	<1		
Silver	ppm	ASTM D5185(m)	>2	0		
Aluminum	ppm	ASTM D5185(m)	>75	14		
Lead	ppm	ASTM D5185(m)	>10	0		
Copper	ppm	ASTM D5185(m)	>75	<1		
Tin	ppm	ASTM D5185(m)	>8	0		
Antimony	ppm	ASTM D5185(m)	>50	0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	2	30		
Barium	ppm	ASTM D5185(m)	0	<1		
Molybdenum	ppm	ASTM D5185(m)	0	1		
Manganese	ppm	ASTM D5185(m)	9	1		
Magnesium	ppm	ASTM D5185(m)	1	26		
Calcium	ppm	ASTM D5185(m)	3131	2831		
Phosphorus	ppm	ASTM D5185(m)	1194	941		
Zinc	ppm	ASTM D5185(m)	1281	1158		
Sulfur	ppm	ASTM D5185(m)	3811	4517		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINA	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>400	57		
Sodium	ppm	ASTM D5185(m)		5		
Potassium	ppm	ASTM D5185(m)	>20	6		



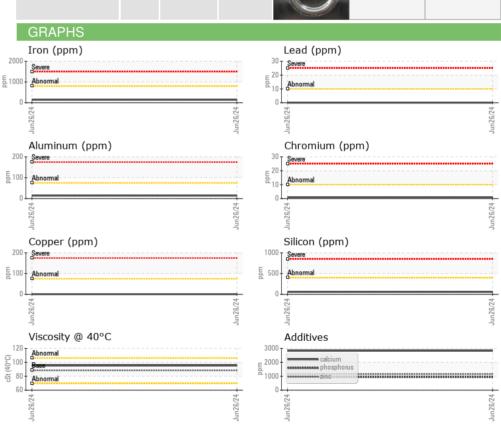
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CAMBLEIMAGE



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	VLITE		
Yellow Metal	scalar	Visual*	NONE	NONE		
Precipitate	scalar	Visual*	NONE	NONE		
Silt	scalar	Visual*	NONE	VLITE		
Debris	scalar	Visual*	NONE	NONE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORML	NORML		
Odor	scalar	Visual*	NORML	NORML		
Emulsified Water	scalar	Visual*	>0.2	NEG		
Free Water	scalar	Visual*		NEG		
FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	88.5	95.4		

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image
CBADHS					





CALA ISO 17025:2017 Accredited Laboratory

Report Id: GFL720 [WCAMIS] 02644938 (Generated: 07/02/2024 16:33:39) Rev: 1

Laboratory

Sample No. : GFL0124536 Lab Number : 02644938 Unique Number : 5802477

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 720 - Lafleche - Landfill

To discuss this sample report, contact Customer Service at 1-800-268-2131.

Tested Diagnosed Test Package : MOB 1

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

Received : 02 Jul 2024 : 02 Jul 2024

: 02 Jul 2024 - Kevin Marson

Moose Creek, ON CA K0C 1W0 Contact: Charles Bergeron cbergeron@gflenv.com T: (613)538-4853

17125 Lafleche Road,

Validity of results and interpretation are based on the sample and information as supplied.

Submitted By: Charles Bergeron