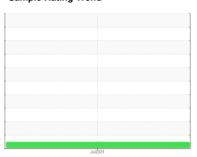


OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id
Or1978

Component
Transmission (Manual)

PETRO CANADA DURATRAN (172 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 fluid.

Fluid Condition

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

				Jul2024		
SAMPLE INFOR	RMATION	V method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0124617		
Sample Date		Client Info		05 Jul 2024		
Machine Age	hrs	Client Info		5116		
Oil Age	hrs	Client Info		5116		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINA	TION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METAI	LS	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185(m)	>200	15		
Chromium	ppm	ASTM D5185(m)	>5	0		
Nickel	ppm	ASTM D5185(m)	>5	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)	>7	0		
Aluminum	ppm	ASTM D5185(m)	>25	2		
_ead	ppm	ASTM D5185(m)	>45	0		
Copper	ppm	ASTM D5185(m)	>225	3		
Γin	ppm	ASTM D5185(m)	>10	0		
Antimony	ppm	ASTM D5185(m)		0		
V anadium	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)	110	114		
Barium	ppm	ASTM D5185(m)	0.0	<1		
Molybdenum	ppm	ASTM D5185(m)	0.0	0		
Manganese	ppm	ASTM D5185(m)	1	<1		
Magnesium	ppm	ASTM D5185(m)	13	15		
Calcium	ppm	ASTM D5185(m)	3610	3155		
Phosphorus	ppm	ASTM D5185(m)	1192	844		
Zinc	ppm	ASTM D5185(m)	1455	281		
Sulfur	ppm	ASTM D5185(m)	2641	2953		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINA	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>125	6		
Sodium	ppm	ASTM D5185(m)		3		
Datasair		AOTA DEADE	00	•		

2

Potassium

ppm ASTM D5185(m) >20

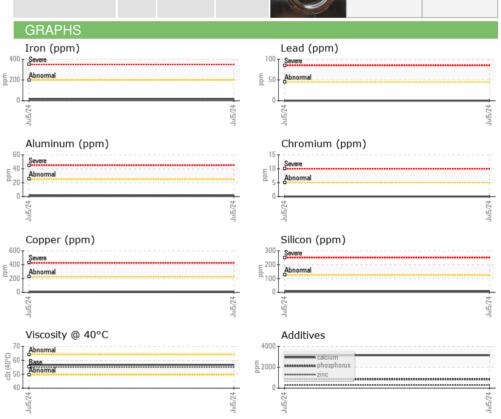


OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE		
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*	NONE	NONE		
Appearance	scalar	Visual*	NORML	NORML		
Odor	scalar	Visual*	NORML	NORML		
Emulsified Water	scalar	Visual*	>0.1	NEG		
Free Water	scalar	Visual*		NEG		
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	55.14	56.8		

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





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

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

: GFL0124617 **Lab Number** : 02647372 Unique Number : 5812924

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

Test Package : MOB 1

Received : 11 Jul 2024 **Tested** : 11 Jul 2024

Diagnosed

: 11 Jul 2024 - Wes Davis

17125 Lafleche Road, Moose Creek, ON CA K0C 1W0 Contact: Charles Bergeron cbergeron@gflenv.com

T: (613)538-4853

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.