

OIL ANALYSIS REPORT

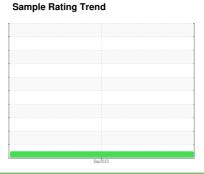
G.LOPES CONSTRUCTION INC./ON-ROAD

356

Component

Transmission

PETRO CANADA DuraDrive HD Synthetic (





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

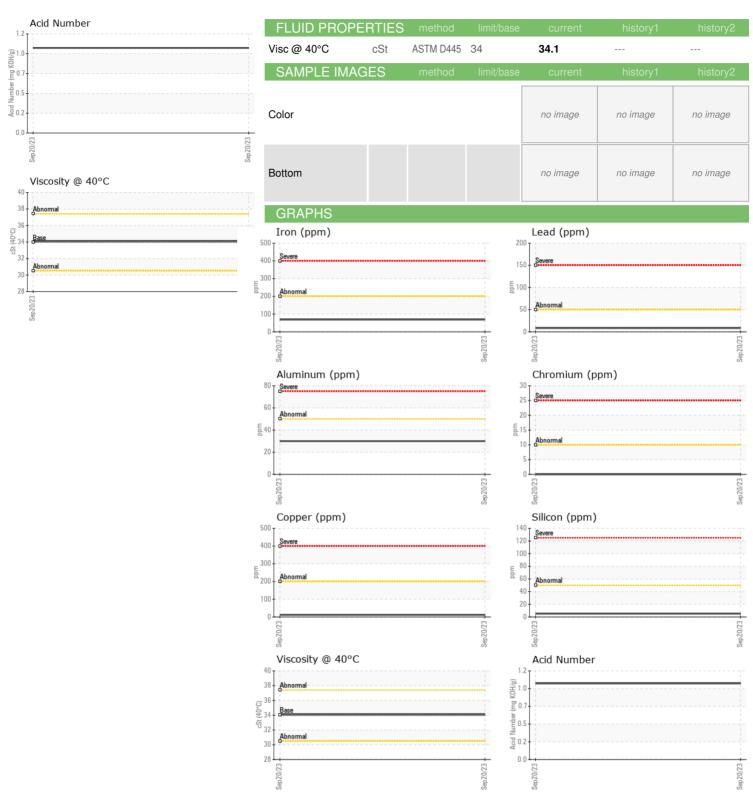
Fluid Condition

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

SAMPLE INFORMATION method limit/base current history2 history2 sample Number Client Info 20 Sep 2023	200 (0.41)						
Cample Number	668 (GAL)				Sep2023		
Cample Date Client Info 20 Sep 2023	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Cample Date Client Info 20 Sep 2023 Client Info 75000 Client Info 52000 Client Info 52000 Client Info 52000 Client Info 52000 Client Info Sample Status	Sample Number		Client Info		PCA0104751		
Machine Age	Sample Date		Client Info		20 Sep 2023		
Dit Age	Machine Age	hrs	Client Info		-		
Dit Changed Client Info N/A NORMAL Sample Status NORMAL NORMAL Sample Status NORMAL NORMAL Sample Status S		hrs	Client Info		52000		
WEAR METALS method limit/base current history1 history2 for on ppm ASTM D5185m >200 69 chromium ppm ASTM D5185m 0 lickel ppm ASTM D5185m 0 nitranium ppm ASTM D5185m 0 National ASTM D5185m 0 National ASTM D5185m 0 National ASTM D5185m >50 30 Lead ppm ASTM D5185m >50 8 Action ppm ASTM D5185m >10 4 Action ppm ASTM D5185m 0 Boron ppm ASTM D5185m 0 Boron ppm ASTM D5185m 0 <td>Oil Changed</td> <td></td> <td>Client Info</td> <td></td> <td>N/A</td> <td></td> <td></td>	Oil Changed		Client Info		N/A		
Chromium	Sample Status				NORMAL		
Description	WEAR METAL	_S	method	limit/base	current	history1	history2
	ron	ppm	ASTM D5185m	>200	69		
Description	Chromium	ppm	ASTM D5185m	>10	0		
ASTM D5185m D5185m D5185m D50 D5	Nickel	ppm	ASTM D5185m		0		
ASTM D5185m STM D5185m ST	Titanium	ppm	ASTM D5185m		0		
ASTM D5185m STM D5185m ASTM D5185m A	Silver	ppm	ASTM D5185m		0		
ASTM D5185m STM D5185m ST	Aluminum	ppm	ASTM D5185m	>50	30		
Acade Acad	_ead	ppm	ASTM D5185m	>50	8		
Acade Acad	Copper	ppm	ASTM D5185m	>200	12		
ASTM D5185m Q	Γin	ppm	ASTM D5185m	>10	4		
ADDITIVES	/anadium	ppm	ASTM D5185m		0		
Saron ppm ASTM D5185m 96	Cadmium		ASTM D5185m		0		
Description	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 0 Manganese ppm ASTM D5185m 2 Magnesium ppm ASTM D5185m 3 Calcium ppm ASTM D5185m 272 Cinc ppm ASTM D5185m 0 Junc ppm ASTM D5185m 0 CONTAMINANTS method limit/base current history1 history2 FLUID DEGRADATION method limit/base current history1 history2 Acid Number (AN)<	Boron	ppm	ASTM D5185m		96		
Manganese ppm ASTM D5185m 2 Magnesium ppm ASTM D5185m 3 Calcium ppm ASTM D5185m 272 Phosphorus ppm ASTM D5185m 0 Zinc ppm ASTM D5185m 1393 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 5 Contassium ppm ASTM D5185m >20 6 Potassium ppm ASTM D5185m >20 6 FLUID DEGRADATION method limit/base current history1 history2 Acid Number (AN) mg KOHg ASTM D8045 1.03 VISUAL method limit/base current history1 history2 Whi	Barium	ppm	ASTM D5185m		0		
Magnesium ppm ASTM D5185m 3 Calcium ppm ASTM D5185m 73 Phosphorus ppm ASTM D5185m 272 Zinc ppm ASTM D5185m 0 Sulfur ppm ASTM D5185m 0 Sulfucon ppm ASTM D5185m >50 5 Sodium ppm ASTM D5185m 6 Potassium ppm ASTM D5185m >20 6 Potassium ppm ASTM D5185m >20 6 Potassium ppm ASTM D5185m >20 6 Potassium ppm ASTM D5185m >20 6 FLUID DEGRADATION method limit/base current history1 history2 <	Molybdenum	ppm	ASTM D5185m		0		
Part	Manganese	ppm	ASTM D5185m		2		
Phosphorus ppm ASTM D5185m 272 Zinc ppm ASTM D5185m 0 Sulfur ppm ASTM D5185m 1393 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 50 5 Sodium ppm ASTM D5185m 6 Potassium ppm ASTM D5185m >20 6 FLUID DEGRADATION method limit/base current history1 history2 Acid Number (AN) mg KOH/g ASTM D8045 1.03 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE Vellow Metal scalar *Visual NONE NONE	Magnesium	ppm	ASTM D5185m		3		
CONTAMINANTS	Calcium	ppm	ASTM D5185m		73		
Sulfur ppm ASTM D5185m 1393 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 5 Godium ppm ASTM D5185m 6 Potassium ppm ASTM D5185m >20 6 FLUID DEGRADATION method limit/base limit/base current history1 history2 VISUAL method limit/base current history1 history2 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE Vellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Poebris scalar *Visual NONE NONE Sand/Dirt scalar *Visual N	Phosphorus	ppm	ASTM D5185m		272		
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 5 Sodium ppm ASTM D5185m >20 6 Potassium ppm ASTM D5185m >20 6 FLUID DEGRADATION method limit/base current history1 history2 Acid Number (AN) mg KOH/g ASTM D8045 1.03 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Popearance scalar *Visual NONE NONE Sond/Dirt scalar *Visual NORML NORML	Zinc	ppm	ASTM D5185m		0		
Solition	Sulfur	ppm	ASTM D5185m		1393		
Sodium	CONTAMINAN	NTS	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m 6	Silicon	ppm	ASTM D5185m	>50	5		
Potassium ppm ASTM D5185m >20 6 FLUID DEGRADATION method limit/base current history1 history2 Acid Number (AN) mg KOH/g ASTM D8045 1.03 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML NORML Dedor scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Emulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML Demulsified Water scalar *Visual NORML NORML -	Sodium		ASTM D5185m		6		
Note	Potassium		ASTM D5185m	>20	6		
VISUAL method limit/base current history1 history2 White Metal scalar *Visual 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 NORML NORML Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG	FLUID DEGRA	DATION	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 NORML NORML Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG	Acid Number (AN)	mg KOH/g	ASTM D8045		1.03		
Vellow 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 Emulsified Water scalar *Visual >0.1 NEG	VISUAL		method	limit/base	current	history1	history2
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 Emulsified Water scalar *Visual >0.1 NEG	White 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 Emulsified Water scalar *Visual >0.1 NEG	ellow Metal	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 Ddor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG		scalar			NONE		
Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Ddor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG	Silt	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	Debris		*Visual	NONE	NONE		
Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG	Sand/Dirt	scalar	*Visual	NONE	NONE		
Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG	Appearance				NORML		
Emulsified Water scalar *Visual >0.1 NEG	Odor						
	Emulsified Water						
	Free Water						



OIL ANALYSIS REPORT







Laboratory Sample No. Lab Number Unique Number

: PCA0104751 : 05958719 : 10659932

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 22 Sep 2023 Diagnosed

: 24 Sep 2023 Diagnostician : Wes Davis

Test Package : MOB 2 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)

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