

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



DIAGNOSIS

Recommendation

Contamination

Fluid Condition

Wear

fluid

Machine Id 831050 Component

Fluid

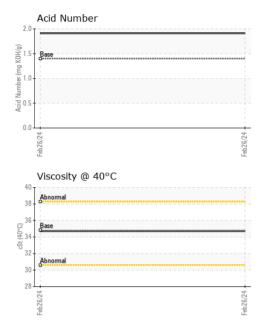
Transmission (Auto)

PETRO CANADA DuraDrive HD Synthetic 668 (--- LTR)

SAMPLE INFORMATION method GFL0112392 Sample Number **Client Info** Resample at the next service interval to monitor. Client Info 26 Feb 2024 Sample Date 3379 Machine Age hrs **Client Info** All component wear rates are normal. Oil Age hrs Client Info 0 Oil Changed **Client Info** Changed NORMAL Sample Status There is no indication of any contamination in the CONTAMINATION Water WC Method >0.1 NEG The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service. WEAR METALS ASTM D5185(m) >220 120 Iron ppm Chromium ASTM D5185(m) >2 <1 ppm Nickel ppm ASTM D5185(m) >5 <1 Titanium ASTM D5185(m) 0 ppm >5 0 Silver ppm ASTM D5185(m) Aluminum ppm ASTM D5185(m) >75 29 Lead >95 ASTM D5185(m) 34 ppm Copper >60 85 ppm ASTM D5185(m) >10 Tin ASTM D5185(m) 4 ppm Antimony 0 ppm ASTM D5185(m) >2 Vanadium 0 ppm ASTM D5185(m) Beryllium ppm ASTM D5185(m) 0 Cadmium 0 ASTM D5185(m) ppm ADDITIVES Boron ppm ASTM D5185(m) 78 145 Barium ASTM D5185(m) 2 ppm Molybdenum ASTM D5185(m) 0 1 ppm Manganese ASTM D5185(m) 3 ppm Magnesium ASTM D5185(m) 0 1 ppm Calcium ppm ASTM D5185(m) 113 139 Phosphorus ppm ASTM D5185(m) 222 447 Zinc ppm ASTM D5185(m) 67 Sulfur ASTM D5185(m) 1326 2087 ppm Lithium ppm ASTM D5185(m) <1 CONTAMINANTS Silicon ASTM D5185(m) >25 7 ppm Sodium ppm ASTM D5185(m) 14 >20 4 Potassium ppm ASTM D5185(m) FLUID DEGRADATION



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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 PROPE	RTIES	method	limit/base	current	history1	history2
√isc @ 40°C	cSt	ASTM D7279(m)	34.8	34.7		
SAMPLE IMAG	ES	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
GRAPHS						
Iron (ppm)				Lead (ppm)		
Severe			300			
Abnormal			트 ²⁰⁰ 탄 100	Abnormal	******	*****************************
Feb26/24			Feb26/24	-eb26/24		
ے۔ Aluminum (ppm)			LL.	Chromium (opm)	,
Severe			6	Severe		
- Abnormal			E ⁴	Abnormal		
			2	- 0		
Feb26/24			Feb26/24	Feb26/24		
Feb2			Feb2			
Copper (ppm)			100	Silicon (ppm)	
Severe			100	Severe		
Abnormal			튭 50	Abnormal		
			0			
Feb 26/24			Feb 26/24	Feb 26/24		
				Acid Numbe	r	
Viscosity @ 40°C			<u> </u>			
Abnormal			<u>0</u> 2.0	Base		
Viscosity @ 40°C			ي 2.0 س الم	Base		
Abnormal			10 2.0 10 2.0 10 2.0 10 2.0 1.0 1.0	Base		
Abnormal			Line and the second sec	Feb26/24		
Abnormal Base Abnormal	Recei Teste Diagn sts: TAN	ved : 04 d : 04 osed : 04 Man)	gton, ON L7L Mar 2024 Mar 2024 Mar 2024 Mar 2024 - W	. 5H9 GFL En es Davis	Rocky Vi	0 Carmek Blv ew County, A CA T1X 1X ct: GFL Calgar

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

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Report Id: GFL550 [WCAMIS] 02619605 (Generated: 03/04/2024 18:27:06) Rev: 1

CALA

ISO 17025:2017 Accredited Laboratory

Laboratory

Sample No. Lab Number

Unique Number Test Package

> Contact/Location: GFL Calgary - GFL550 Page 2 of 2

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