

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id 744013

Component Natural Gas Engine Fluid PETRO CANADA DURON GEO LD 15W40 (--- 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.

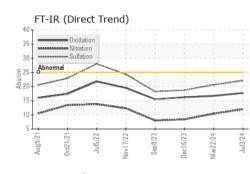
Fluid Condition

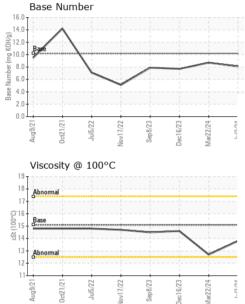
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sample NumberClient InfoGFL0119144GFL0115477GFL0106Sample DateClient Info03 Jul 202422 Mar 202416 Dec 2Machine AgehrsClient Info705164646016Oil AgehrsClient Info1934900Oil ChangedClient InfoChangedChangedChangedSample StatusImageImageNORMALNORMAL	6955
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Oil Changed Client Info Changed Changed Changed	
Sample Status NORMAL NORMAL NORMAL	1
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CONTAMINATION method limit/base current history1 histo	ory2
WaterWC Method >0.1NEGNEG	
WEAR METALS method limit/base current history1 histor	ory2
Iron ppm ASTM D5185m >50 20 21 3	
Chromium ppm ASTM D5185m >4 <1	
Nickel ppm ASTM D5185m >2 <1	
Titanium ppm ASTM D5185m <1	
Silver ppm ASTM D5185m >3 0 <1	
Aluminum ppm ASTM D5185m >9 3 2 1	
Lead ppm ASTM D5185m >30 <1 1 <1	
Copper ppm ASTM D5185m >35 2 1 <1	
Tin ppm ASTM D5185m >4 O <1	
Vanadium ppm ASTM D5185m <1	
Cadmium ppm ASTM D5185m 0 0 0	
ADDITIVES method limit/base current history1 histo	ory2
Boron ppm ASTM D5185m 50 5 5 25	
Barium ppm ASTM D5185m 5 0 0 0	
Molybdenum ppm ASTM D5185m 50 58 58 48	
Manganese ppm ASTM D5185m 0 0 <1	
Magnesium ppm ASTM D5185m 560 800 880 518	
Calcium ppm ASTM D5185m 1510 1265 1065 1418	
Phosphorus ppm ASTM D5185m 780 995 1046 692	
Zinc ppm ASTM D5185m 870 1176 1243 864	
Zinc ppm ASTM D5185m 870 1176 1243 864	ory2
Zinc ppm ASTM D5185m 870 1176 1243 864 Sulfur ppm ASTM D5185m 2040 2758 3424 2279	ory2
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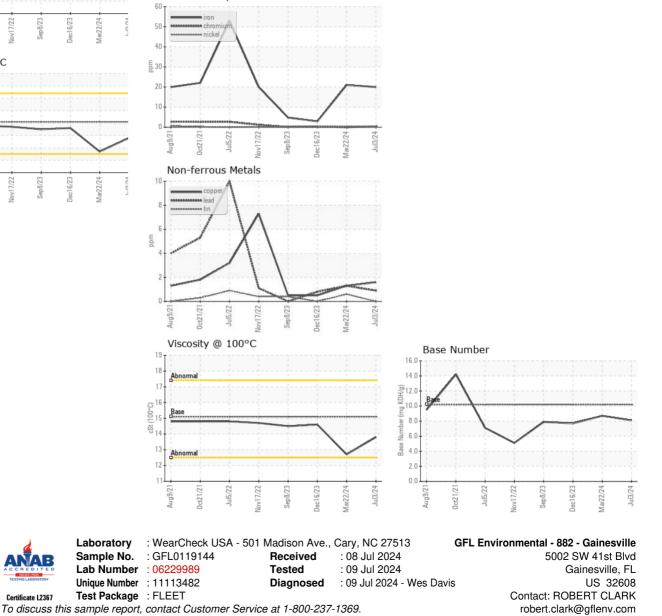
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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	15.1	13.8	12.7	14.6
GRAPHS						

Ferrous Alloys



* - 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)

Certificate 12367

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