

OIL ANALYSIS REPORT

NORMAL



(YA113962) 3438C

Component Natural Gas Engine

PETRO CANADA DURON GEO LD 15W40 (28 QTS)

DIAGNOSIS Recommendation

Resample at the next service interval to monitor.

Fluid

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

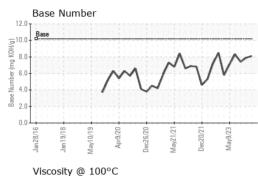
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

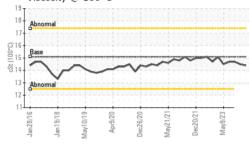
SAMPLE INFORMATION method linit/base current history1 history2 Sample Number Client Info 23 Jan 2024 20 Dec 2023 22 Aug 2023 Machine Age hrs Client Info 9060 9060 9060 Oil Age hrs Client Info 170 470 490 Oil Age hrs Client Info N/A N/A N/A Sample Status Immethod Imit/base current history1 history2 Water WC Method >0.1 NEG NEG NEG WEAR METALS method Imit/base current history1 history2 Iron ppm ASTM 05155m >5 10 Chromium ppm ASTM 05155m >3 0 0 0 Silver ppm ASTM 05155m >3 0 0 <11 0 Silver ppm ASTM 05155m >3 0 0 <11 1 1	GEO LD 15W40 (28 QTS)									
Sample Date Client Info 9060 9060 9060 9060 Machine Age hrs Client Info 170 470 490 Oil Age hrs Client Info 170 470 490 Oil Change Client Info N/A N/A N/A Sample Status Client Info N/A N/A N/A CONTAMINATION method imit/base current history1 history2 Water WC Method >0.1 NEG NEG NEG WEAR METALS method imit/base current history1 history2 Iron ppm ASTM DS185m >50 5 10 O Chromium ppm ASTM DS185m >2 0 O O O Tatanium ppm ASTM DS185m >3 0 O O C Lead ppm ASTM DS185m >4 0 O O O O O	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2			
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	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D7844 *ASTM D7624	5 50 0 560 1510 780 870 2040 2040 2040 2040 2040 2040 2040 20	0 47 <1 580 1611 781 963 2493 2493 Current 7 4 0 Current 0 7.1 18.9	0 50 <1 598 1539 834 995 2637 history1 9 4 2 2 history1 0 7.4 18.9	0 51 <1 566 1535 776 937 3469 history2 14 3 <1 14 3 <1 history2 0 7.4 18.7			
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Sample Rating Trend

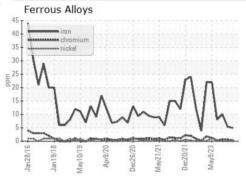


OIL ANALYSIS REPORT

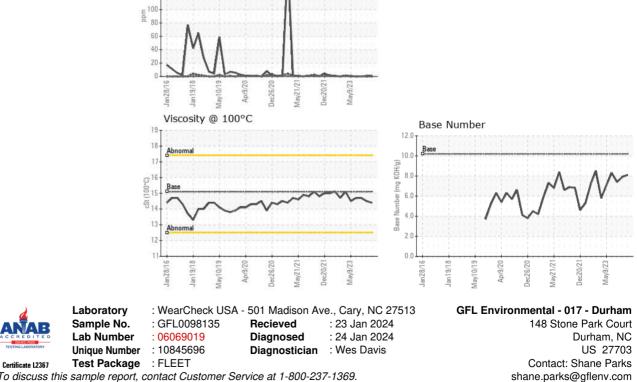




VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	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	14.4	14.5	14.7
GRAPHS						



Non-ferrous Metals



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)

T: (919)596-1363

F: (919)598-1852