

Area FARIBAULT [FARIBAULT] Unit 03 DB020103E

PETRO CANADA DURON MONOGI

DIAGNOSIS	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		PCA0124422	PCA0124420	PCA0098889
No corrective action is recommended at this time. Resample at the next service interval to monitor. (Sample Date		Client Info		29 May 2024	30 Apr 2024	02 Apr 2024
	Machine Age	hrs	Client Info		2474	2474	2334
stomer Sample Comment: No lube oil added this	Oil Age	hrs	Client Info		2474	2474	2334
onth.)	Oil Changed		Client Info		Oil Added	Not Changd	Not Changd
e ar component wear rates are normal.	Sample Status				MARGINAL	MARGINAL	MARGINAL
Contamination	CONTAMINAT	ON	method	limit/base	current	history1	history2
ht fuel dilution occurring.	Water		WC Method	>0.1	NEG	NEG	NEG
Fluid Condition The BN result indicates that there is suitable alkalinity remaining in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.	WEAR METALS	S	method	limit/base	current	history1	history2
	Iron	ppm	ASTM D5185m	>50	6	6	3
	Chromium	ppm	ASTM D5185m	>4	<1	0	0
	Nickel	ppm	ASTM D5185m	>2	0	0	0
	Titanium	ppm	ASTM D5185m		0	0	0
	Silver	ppm	ASTM D5185m	>3	0	0	0
	Aluminum	ppm	ASTM D5185m	>9	2	2	1
	Lead	ppm	ASTM D5185m	>30	1	1	<1
	Copper	ppm	ASTM D5185m	>35	4	4	4
	Tin	ppm	ASTM D5185m	>4	1	0	1
	Vanadium	ppm	ASTM D5185m		0	0	0
	Cadmium	ppm	ASTM D5185m		0	0	0
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m		1	0	<1
	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m		2	2	2
	Manganese	ppm	ASTM D5185m		0	0	<1
	Magnesium	ppm	ASTM D5185m		856	941	905
	Calcium	ppm	ASTM D5185m		979	1087	1026
	Phosphorus	ppm	ASTM D5185m		1042	1161	1127
	Zinc	ppm	ASTM D5185m		1218	1316	1308
	Sulfur	ppm	ASTM D5185m		3408	3617	3003
	CONTAMINAN	TS	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>+100	4	4	5
	Sodium	ppm	ASTM D5185m		2	2	2
	Potassium	ppm	ASTM D5185m	>20	1	0	0
	Fuel	%	ASTM D3524	>4.0	<mark>/</mark> 2.9	<u> </u>	▲ 3.0
	INFRA-RED		method	limit/base	current	history1	history2
	Soot %	%	*ASTM D7844		0.1	0	0.1
	Nitration	Abs/cm	*ASTM D7624	>20	4.2	4.2	4.2
	Sulfation	Abs/.1mm	*ASTM D7415	>30	13.6	13.6	13.5
	FLUID DEGRAD		method	limit/base	current	history1	history2
	Oxidation	Abs/.1mm	*ASTM D7414	>25	7.6	7.4	7.6
	Acid Number (AN)	mg KOH/g	ASTM D8045		1.43	1.40	1.45
	Deee Number (DNI)			0 5		0.15	0.01

Base Number (BN) mg KOH/g ASTM D2896 8.5

FUEL

Sample Rating Trend

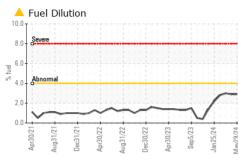
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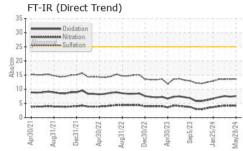
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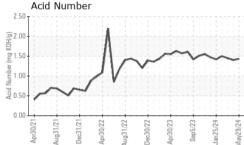
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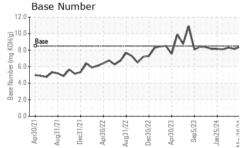


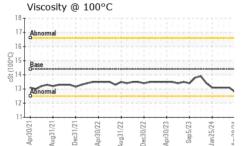
OIL ANALYSIS REPORT













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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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Submitted By: Jon Coulter

Page 2 of 2

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