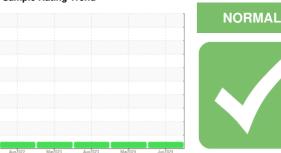


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

BLUE BIRD 115

Diesel Engine

PETRO CANADA DURON HP 15W40 (--- GAL)

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 oil.

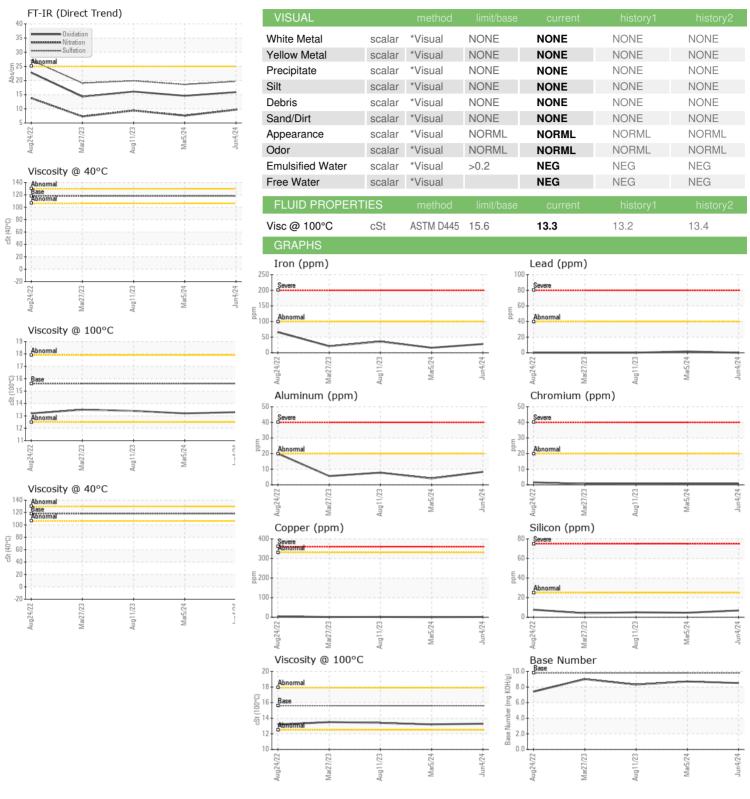
Fluid Condition

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

AL)		Aug2022	Mar2023	Aug2023 Mar2024	Jun2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0906016	WC0905886	WC0727252
Sample Date		Client Info		04 Jun 2024	05 Mar 2024	11 Aug 2023
Machine Age	mls	Client Info		83793	0	70270
Oil Age	mls	Client Info		0	0	5000
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATION	V	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	28	16	36
Chromium	ppm	ASTM D5185m	>20	<1	<1	<1
Nickel	ppm	ASTM D5185m	>4	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m	>3	0	<1	0
Aluminum	ppm	ASTM D5185m	>20	8	4	8
Lead	ppm	ASTM D5185m	>40	0	2	<1
Copper	ppm	ASTM D5185m		1	<1	2
Tin	ppm	ASTM D5185m	>15	<1	1	<1
Vanadium	ppm	ASTM D5185m		<1	<1	0
Cadmium	ppm	ASTM D5185m		<1	<1	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		3	5	7
Barium	ppm	ASTM D5185m		0	0	1
Molybdenum	ppm	ASTM D5185m		63	56	62
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		970	967	846
Calcium	ppm	ASTM D5185m		1142	1129	1106
Phosphorus	ppm	ASTM D5185m		1023	1042	972
Zinc	ppm	ASTM D5185m		1291	1284	1164
Sulfur	ppm	ASTM D5185m		3380	3724	2950
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	7	5	5
Sodium	ppm	ASTM D5185m		2	1	0
Potassium	ppm	ASTM D5185m	>20	15	8	16
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	1	0.6	1
Nitration	Abs/cm	*ASTM D7624	>20	9.7	7.6	9.4
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.7	18.6	19.9
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	15.9	14.6	16.1
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	8.5	8.7	8.3



OIL ANALYSIS REPORT







Certificate 12367

Sample No.

Lab Number : 06207334 Unique Number : 11074795

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0906016

Received : 11 Jun 2024 **Tested** Diagnosed Test Package : MOB 1 (Additional Tests: KV40, TBN)

: 14 Jun 2024 : 14 Jun 2024 - Sean Felton 1603 SALEM CHURCH RD GOLDSBORO, NC US 27530

WAYNE CO SCHOOL BUS GARAGE

Contact: BRANDON BRIGGS brandonbriggs@wcps.org T:

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)

F: