

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL

TEMSA MOTOR COACH 164

Component

Diesel Engine

PETRO CANADA DURON SHP 15W40 (3 G

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

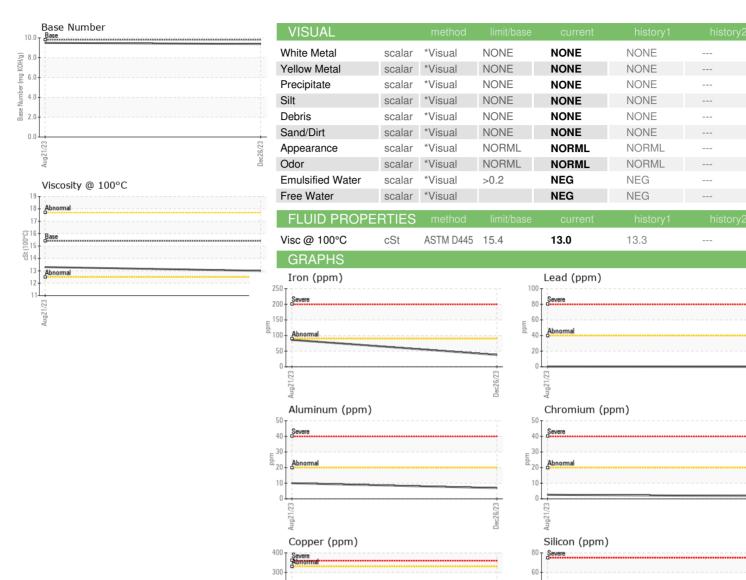
Fluid Condition

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

L)			Aug2023	Dec2023		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0111549	PCA0101056	
Sample Date		Client Info		26 Dec 2023	21 Aug 2023	
/lachine Age	mls	Client Info		24063	11977	
Dil Age	mls	Client Info		11477	11977	
Oil Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	ABNORMAL	
CONTAMINAT	ION	method	limit/base	current	history1	history2
-uel		WC Method	>3.0	<1.0	<1.0	
Water		WC Method	>0.2	NEG	NEG	
Glycol		WC Method		NEG	NEG	
WEAR METAL	.S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>90	38	86	
Chromium	ppm	ASTM D5185m	>20	2	3	
Nickel	ppm	ASTM D5185m	>2	<1	<1	
Γitanium	ppm	ASTM D5185m	>2	0	0	
Silver	ppm	ASTM D5185m	>2	0	0	
Aluminum	ppm	ASTM D5185m	>20	7	1 0	
_ead	ppm	ASTM D5185m	>40	0	<1	
Copper	ppm	ASTM D5185m	>330	3	19	
Γin	ppm	ASTM D5185m	>15	<1	<1	
/anadium	ppm	ASTM D5185m		<1	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	7	62	
Barium	ppm	ASTM D5185m	0	0	8	
Molybdenum	ppm	ASTM D5185m	60	58	64	
Manganese	ppm	ASTM D5185m	0	2	8	
Magnesium	ppm	ASTM D5185m	1010	892	490	
Calcium	ppm	ASTM D5185m	1070	1062	1649	
Phosphorus	ppm	ASTM D5185m	1150	1017	984	
Zinc	ppm	ASTM D5185m	1270	1279	1200	
Sulfur	ppm	ASTM D5185m	2060	2990	3128	
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	11	△ 39	
Sodium	ppm	ASTM D5185m		3	2	
Potassium	ppm	ASTM D5185m	>20	4	3	
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>6	0.3	0.3	
Nitration	Abs/cm	*ASTM D7624	>20	8.5	8.9	
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.1	19.8	
FLUID DEGRAI	DATION	method	limit/base	current	history1	history2
Oxidation	Aba/1mm	*ACTM D7414	0.5	45.7	10.0	
JXIUalion	Abs/.1mm	*ASTM D7414	>25	15.7	16.6	



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Certificate L2367

Laboratory Sample No. Lab Number **Unique Number** Test Package : MOB 2

: PCA0111549 : 06050162 : 10816111

Viscosity @ 100°C

E 200 100

cSt (100°C)

10

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 03 Jan 2024 Diagnosed : 04 Jan 2024

: Don Baldridge Diagnostician

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)

BROWN BUS COMPANY - UPSTATE TRANSIT

50 VENNER ROAD AMSTERDAM, NY US 12010

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Base Number

10.0 (mg KOH/g)

4.0 3ase 1

0.0