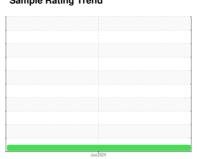


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

BM-219

Component

Diesel Engine

PETRO CANADA DURON SHP 10W30 (--- G

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Metal levels are typical for a new component breaking in.

Contamination

Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

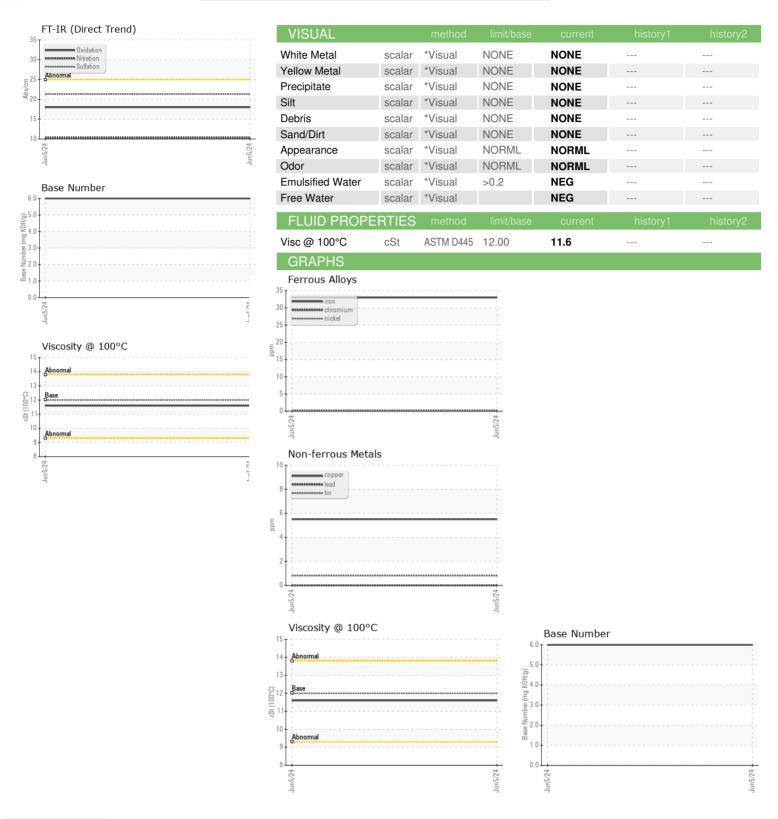
Fluid Condition

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

iAL)			Jun2024			
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0122158		
Sample Date		Client Info		05 Jun 2024		
Machine Age	mls	Client Info		45187		
Oil Age	mls	Client Info		0		
Oil Changed	0	Client Info		N/A		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method	70.L	NEG		
•	0		12 24 //			1::
WEAR METAL		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>100	33		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>4	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>3	<1		
Aluminum	ppm	ASTM D5185m	>20	13		
_ead	ppm	ASTM D5185m	>40	0		
Copper	ppm	ASTM D5185m	>330	6		
Γin	ppm	ASTM D5185m	>15	<1		
√anadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	1		
Barium	ppm	ASTM D5185m	0	2		
Molybdenum	ppm	ASTM D5185m	50	65		
Manganese	ppm	ASTM D5185m	0	<1		
Magnesium	ppm	ASTM D5185m	950	981		
Calcium	ppm	ASTM D5185m	1050	1242		
Phosphorus	ppm	ASTM D5185m	995	997		
Zinc	ppm	ASTM D5185m	1180	1320		
Sulfur	ppm	ASTM D5185m	2600	3194		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	10		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	48		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.3		
Nitration	Abs/cm	*ASTM D7624	>20	10.3		
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.3		
FLUID DEGRA	NOITAC	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	18.0		
Base Number (BN)	mg KOH/g	ASTM D2896		6.0		
, ,	- 0					



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06201365 Unique Number : 11063488

: PCA0122158 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 06 Jun 2024 **Tested** : 07 Jun 2024

Diagnosed : 07 Jun 2024 - Wes Davis **BLUE MAX TRUCKING**

1015 E. WESTINGHOUSE BLVD. CHARLOTTE, NC

US 28273 Contact: Jody Greer

jgreer@bluemaxtrucking.com T: (980)225-9968

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: (704)588-2901

Report Id: BLUCHA [WUSCAR] 06201365 (Generated: 06/07/2024 14:40:09) Rev: 1