

OIL ANALYSIS REPORT

(3718MZ) Dixon Transport-Yard Horse [Dixon Transport-Yard Horse] 325A79

Component Diesel Engine

DIAGNOSIS Recommendation

Contamination

Fluid Condition

Eluid

Wear

oil.

PETRO CANADA DURON SHP 10W30 (18 QTS)

Resample at the next service interval to monitor.

There is no indication of any contamination in the

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

All component wear rates are normal.

oil is suitable for further service.

Jan2024 Mar2024

Sample Rating Trend



NORMAL

Sample Number Client Info PCA0114327 PCA0114327 PCA0114328 Sample Date NS Client Info 12 Mar 2024 10 Jan 2024 Oil Age hrs Client Info 10 46 Oil Changed Client Info Changed Sample Status NORMAL CONTAMINATION method limit/base current history1 history1 Fuel WC Method >5 <1.0 <1.0 Water WC Method >0.2 NEG NEG WEAR METALS method limit/base current history1 history1 Kron ppm ASTM 0586m >20 <1 <1 VEAR METALS method limit/base current history1 history1 Iron ppm ASTM 0586m <1 <1 Iron ppm ASTM 0586m >30 0 <1							
Sample Date Client Info 12 Mar 2024 10 Jan 2024 Machine Age hrs Client Info 9625 9625 Oil Age hrs Client Info 10 46 Oil Changed Client Info Changed Changed Sample Status Client Info Changed NORMAL CONTAMINATION method imil/base current history1 history1 Fuel WC Method 5 <1.0	SAMPLE INFOR	MATION	method	limit/base	current	history1	history
Machine Age hrs Client Info 9625 9625 Oil Age hrs Client Info 10 46 Oil Changed Client Info 10 46 Sample Status Imit/base Current History History Fuel WC Method >5 <1.0	Sample Number		Client Info		PCA0114357	PCA0114328	
Oil Age hrs Client Info 10 46 Oil Changed Client Info Changed Changed Sample Status Imil/base Current NoRMAL CONTAMINATION method Imil/base current history1 Water WC Method >5 <1.0	Sample Date		Client Info		12 Mar 2024	10 Jan 2024	
Oil Changed Sample Status Client Into Changed NORMAL Changed NORMAL CONTAMINATION method limit/base current history1 history1 Fuel WC Method >5 <1.0	Machine Age	hrs	Client Info		9625	9625	
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Fuel WC Method >5 <1.0 <1.0 Water WC Method >0.2 NEG NEG Glycol WC Method NEG NEG Init/base WEAR METALS method Imit/base current history1 history1 Iron ppm ASTM D5185m >20 <1	Sample Status				NORMAL	NORMAL	
Fuel WC Method >5 <1.0 <1.0 Water WC Method >0.2 NEG NEG Glycol WC Method NEG NEG Init/base WEAR METALS method Imit/base current history1 history1 Iron ppm ASTM D5185m >20 <1	CONTAMINAT	ION	method	limit/base	current	history1	history
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Iron ppm ASTM D5185m >100 13 13 Chromium ppm ASTM D5185m >20 <1	WEAR METAL	.S	method	limit/base	current	history1	history
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Lead ppm ASTM D5185m >40 0 <1 Copper ppm ASTM D5185m >330 <1					-		
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Magnesium ppm ASTM D5185m 950 1017 891 Calcium ppm ASTM D5185m 1050 1314 1204 Phosphorus ppm ASTM D5185m 1050 1314 1204 Phosphorus ppm ASTM D5185m 995 1130 1021 Zinc ppm ASTM D5185m 1180 1352 1263 Sulfur ppm ASTM D5185m 2600 4298 3145 CONTAMINANTS method limit/base current history1 history Silicon ppm ASTM D5185m >25 5 4 Sodium ppm ASTM D5185m >20 <1	Molybdenum	ppm	ASTM D5185m	50	50	46	
Calcium ppm ASTM D5185m 1050 1314 1204 Phosphorus ppm ASTM D5185m 995 1130 1021 Zinc ppm ASTM D5185m 1180 1352 1263 Sulfur ppm ASTM D5185m 2600 4298 3145 CONTAMINANTS method limit/base current history1 history Silicon ppm ASTM D5185m >25 5 4 Sodium ppm ASTM D5185m >20 <1	Manganese	ppm	ASTM D5185m	0	<1	<1	
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	FLUID DEGRAI	DATION	method		current		history2



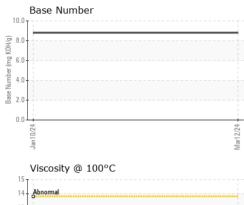
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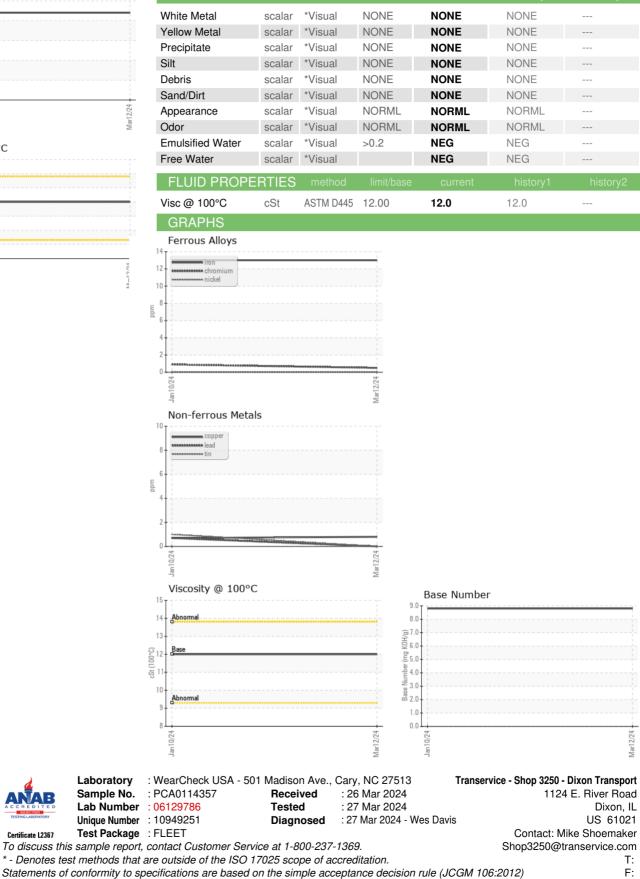
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OIL ANALYSIS REPORT

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