

OIL ANALYSIS REPORT



Machine Id **370359** Component **Diesel Engine** Fluid **PETRO CANADA DURON SHP 10W30 (--- GA**

DIAGNOSIS

Recommendation

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

Wear

All component wear rates are normal.

Contamination

Elevated aluminum (AI) 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.

Sample Number Client Info PCA0029141 Sample Date Client Info 12 Mar 2022 Machine Age mls Client Info 126624 Oil Age mls Client Info Changed Sample Status Client Info Changed CONTAMINATION method imit/base current history1 Water WC Method >5 <1.0 Water WC Method >0.2 NEG Water WC Method >0.2 NEG Contromium ppm ASTM 05185m >100 69 Nickel ppm ASTM 05185m >20 2 Aluminum ppm ASTM 05185m >20 25 Aluminum ppm ASTM 05185m	AL)				Mar2022		
Sample Date Client Info 12 Mar 2022 Machine Age mis Client Info 126624 Oil Age mis Client Info Changed Sample Status Client Info Changed CONTAMINATION method imit/base current history1 history1 Fuel WC Method >5 <1.0 Water WC Method >0.2 NEG Wear WC Method >0.2 NEG Wear WC Method >0 Wear WC Method >0 Norel ppm ASTM D5185m >100 69 Chromium ppm ASTM D5185m >20 25 Silver ppm ASTM D5185m >20	SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Machine Age mis Client Info 126624 Oil Age mis Client Info 20834 Sample Status Client Info Changed Sample Status Imit/base current history1 CONTAMINATION method Imit/base current history1 Water WC Method >0.2 NEG WeAR METALS method Imit/base current history1 WEAR METALS method Imit/base current history1 Wickel ppm ASTM D5185m >20 2 Nickel ppm ASTM D5185m >20 25 Copper ppm ASTM D5185m >20 25 Lead ppm ASTM D5185m >20 Copper ppm	Sample Number		Client Info		PCA0029141		
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	FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Base Number (BN) mg KOH/g ASTM D2896 7.0				>25			
	Base Number (BN)	mg KOH/g	ASTM D2896		7.0		

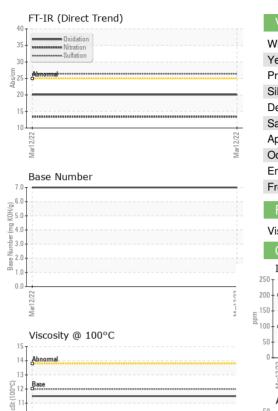


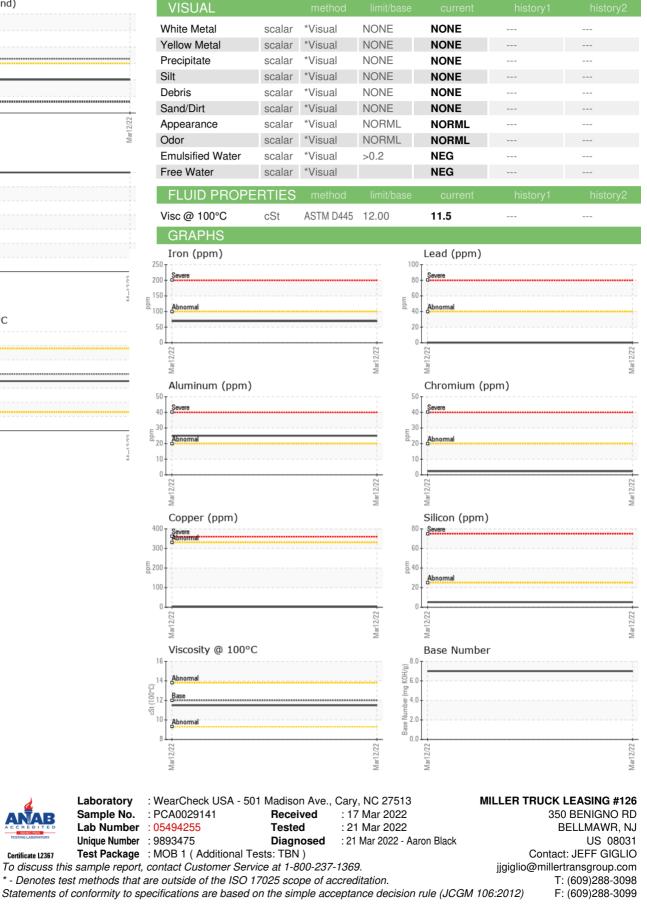
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OIL ANALYSIS REPORT





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