

OIL ANALYSIS REPORT

[] **NOT GIVEN PCA0094380**

Diesel Engine

NOT GIVEN (--- GAL)

Sample Rating Trend **NORMAL**

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

Fuel content negligible. There is no indication of any contamination in the oil.

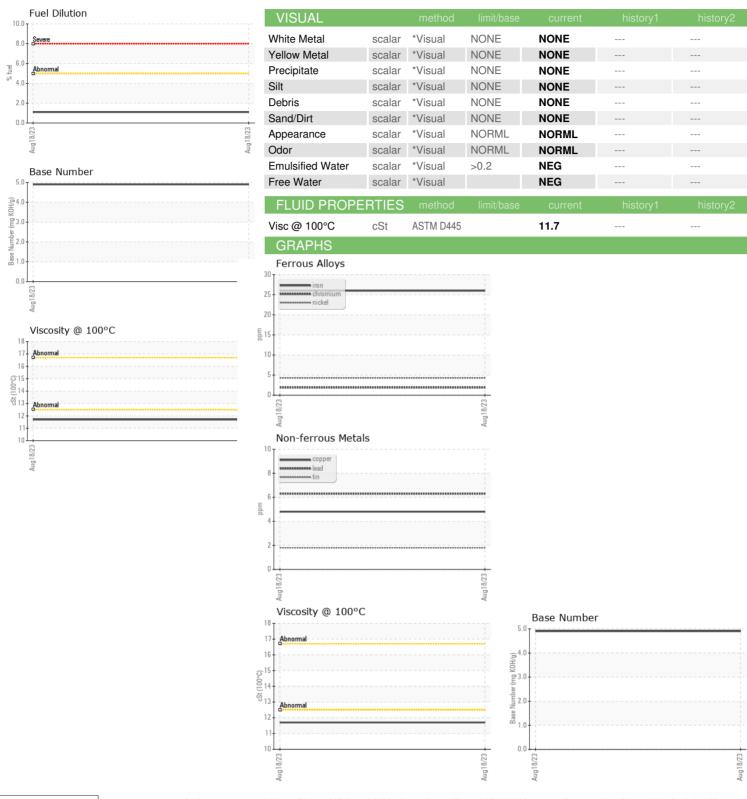
Fluid Condition

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

Sample Number Client Info PCA0094380					Aug2023		
Sample Date	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Date Client Info 18 Aug 2023	Sample Number		Client Info		PCA0094380		
Oil Age mls Client Info 0 Oil Changed Client Info Changed Sample Status NORMAL CONTAMINATION method limit/base current history1 history1 WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185m >100 26 Chromium ppm ASTM D5185m >20 2 Nickel ppm ASTM D5185m >20 2 Silver ppm ASTM D5185m >3 0 Aluminum ppm ASTM D5185m >20 9 Aluminum ppm ASTM D5185m >40 6 Aluminum ppm ASTM D5185m >30 5			Client Info		18 Aug 2023		
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Phosphorus ppm ASTM D5185m 1058 Zinc ppm ASTM D5185m 1382 Sulfur ppm ASTM D5185m 3408	ŭ .	• •					
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Sulfur ppm ASTM D5185m 3408							
CONTAMINANTS method limit/base current history1 his		• •			3408		
		TS		limit/base	current	history1	history2
Silicon ppm ASTM D5185m >25 6				>25			
Sodium ppm ASTM D5185m 2							
Potassium ppm ASTM D5185m >20 12		• • • • • • • • • • • • • • • • • • • •					
Fuel % ASTM D3524 >5 1.1	Fuel	%	ASTM D3524	>5	1.1		
INFRA-RED method limit/base current history1 his	INFRA-RED		method	limit/base	current	history1	history2
Coot 9/ 0/ *ACTM D7044 . 2 0.4	Soot %	%	*ASTM D7844	>3	0.4		
S001 % ASTM D7044 >3 0.4	Nitration	Abs/cm	*ASTM D7624	>20	10.8		
	Sulfation	Abs/.1mm	*ASTM D7415	>30	22.8		
Nitration Abs/cm *ASTM D7624 >20 10.8							
Nitration Abs/cm *ASTM D7624 >20 10.8 Sulfation Abs/.1mm *ASTM D7415 >30 22.8	FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Nitration Abs/cm *ASTM D7624 >20 10.8 Sulfation Abs/.1mm *ASTM D7415 >30 22.8							,



OIL ANALYSIS REPORT







Laboratory Sample No. Lab Number **Unique Number**

: PCA0094380 : 05935275

: 10620546

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 25 Aug 2023 : 29 Aug 2023 Diagnosed

Diagnostician : Don Baldridge **Test Package**: FLEET (Additional Tests: FuelDilution, PercentFuel)

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)

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