

OIL ANALYSIS REPORT

Oil Age

Fuel

Iron

Nickel

Silver

Lead

Tin

Copper

Titanium

Aluminum

Vanadium

Cadmium

Boron

Barium

Manganese

Magnesium

Phosphorus

Calcium

Zinc

Sulfur

Silicon

Sodium

Potassium

Chromium

Glycol

Oil Changed

MANCHESTER 30 LEFT AG [R812467M] VOLVO PENTA 2013930005 - VARIABLE SPEED Component

Port Diesel Engine

VOLVO PENTA SAE 15W40 (10 GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

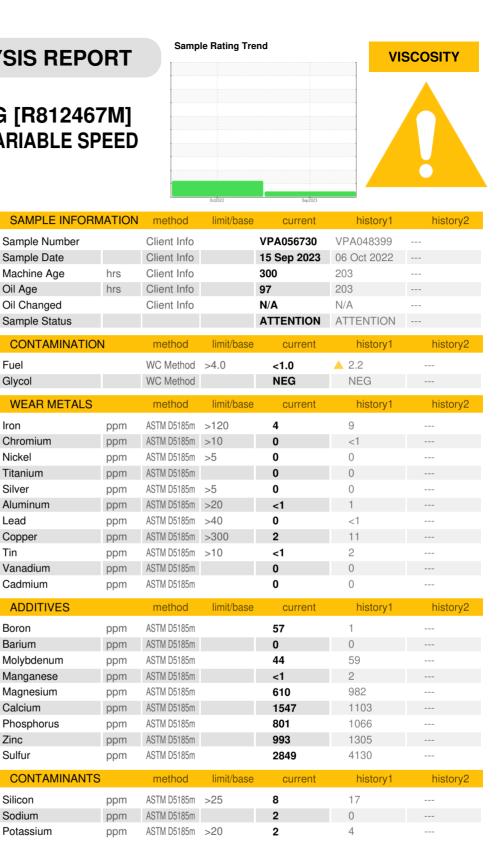
Metal levels are typical for a new component breaking in.

Contamination

There is no indication of any contamination in the oil

Fluid Condition

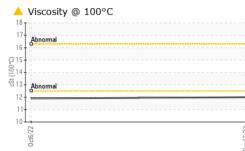
The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

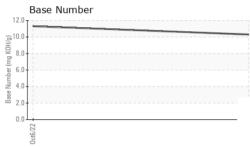


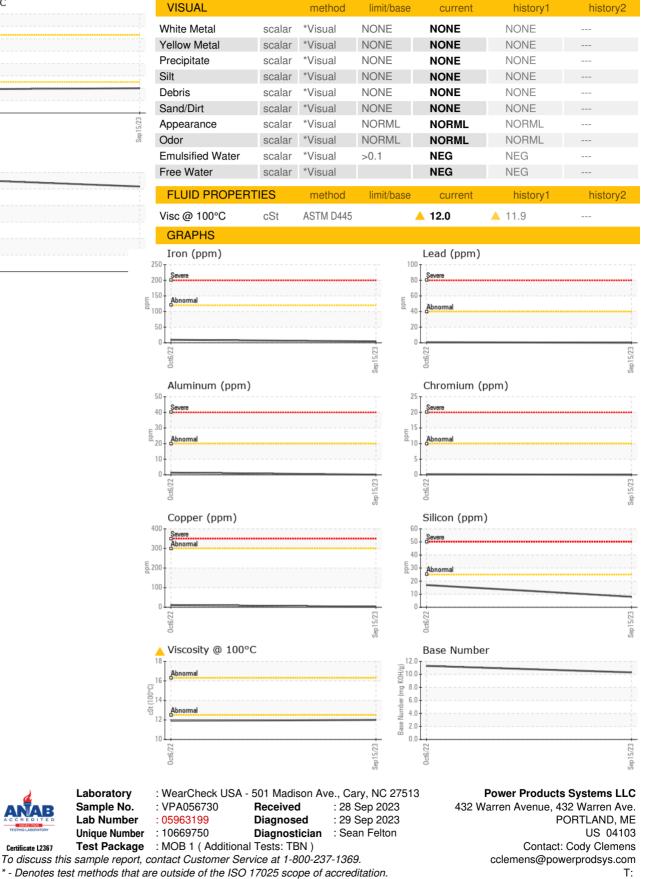
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0.1	
Nitration	Abs/cm	*ASTM D7624	>20	5.3	6.2	
Sulfation	Abs/.1mm	*ASTM D7415	>30	20.5	20.0	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.6	15.2	
Base Number (BN)	mg KOH/g	ASTM D2896		10.3	11.3	



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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Certificate L2367

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