

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id PETERBILT 433001 Component

Natural Gas Engine Fluid NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

Metal levels are typical for a components first oil change.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

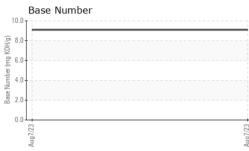
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0087533		
Sample Date		Client Info		07 Aug 2023		
Machine Age	hrs	Client Info		33		
Oil Age	hrs	Client Info		33		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	20		
Chromium	ppm	ASTM D5185m	>4	<1		
Nickel	ppm	ASTM D5185m	>2	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>3	<1		
Aluminum	ppm	ASTM D5185m	>9	6		
Lead	ppm	ASTM D5185m	>30	2		
Copper	ppm	ASTM D5185m	>35	7		
Tin	ppm	ASTM D5185m	>4	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		45		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		50		
Manganese	ppm	ASTM D5185m		4		
Magnesium	ppm	ASTM D5185m		784		
Calcium	ppm	ASTM D5185m		1176		
Phosphorus	ppm	ASTM D5185m		704		
Zinc	ppm	ASTM D5185m		865		
Sulfur	ppm	ASTM D5185m		2673		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	89		
Sodium	ppm	ASTM D5185m		5		
Potassium	ppm	ASTM D5185m	>20	30		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1		
Nitration	Abs/cm	*ASTM D7624	>20	7.1		
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.8		
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	16.2		
Base Number (BN)	mg KOH/g	ASTM D2896	-	9.1		
	0 - 0			-		



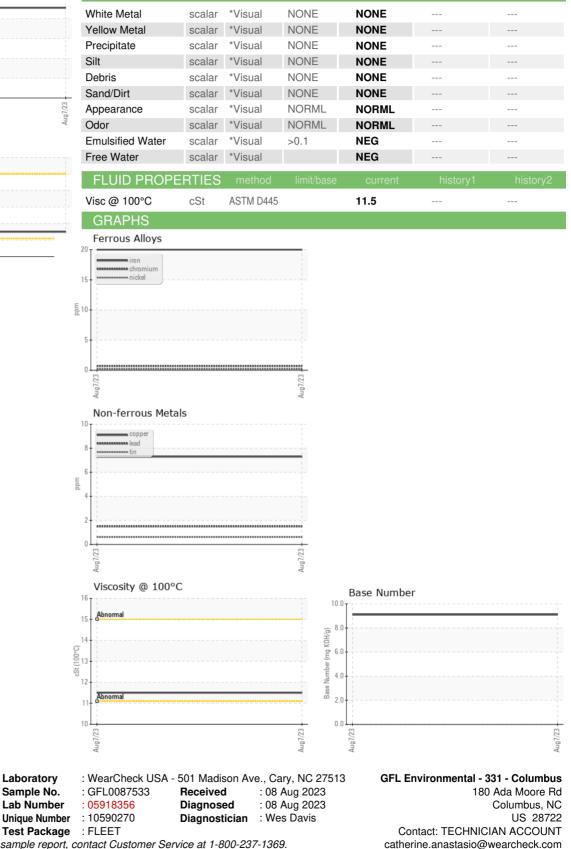
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VISUAL









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)

Certificate L2367

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