

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

827073 PETERBILT 320

TIER 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

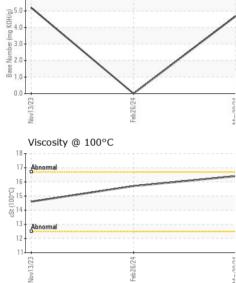
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sample Date Client Info 20 May 2024 26 Feb 2024 13 Nov 2023 Machine Age hrs Client Info 25379 20376 20376 Oil Age hrs Client Info 5003 500 600 Oil Age Nor Client Info Changed Nor Changed Changed Sample Status Client Info Changed Nor Changed Not Changed Changed CONTAMINATION method Imit/base current History1 History2 Fuel WC Method >5.0.2 NEG NEG NEG Water WC Method >0.2 NEG NEG NEG Water ppm ASTM D5185m >110 32 46 66 Chromium ppm ASTM D5185m >2 1 0 0 Nickel ppm ASTM D5185m >2 1 0 0 Silver ppm ASTM D5185m >2 1 0 0 S	SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
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Silver ppm ASTM D5185m >2 1 0 0 Aluminum ppm ASTM D5185m >25 8 2 3 Lead ppm ASTM D5185m >45 <1	Nickel	ppm	ASTM D5185m	>2	<1	0	0
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Copper ppm ASTM D5185m >85 2 <1	Aluminum	ppm	ASTM D5185m	>25	8	2	3
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Vanadium ppm ASTM D5185m <1	Copper	ppm	ASTM D5185m	>85	2	<1	3
Cadmium ppm ASTM D5185m <1	Tin	ppm	ASTM D5185m	>4	1	<1	0
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Nov Mayi	Viscosity @ 100°C										171 141 1	17+ Abnormal	17 Abnormal	17 Abnormal
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28/24 20/24	iov13/23 feb.26/24 lay20/24	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number
28/24 +	lov13/23	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number
13/23 26/24	feb 26/24	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number
26/24 20/24	4ov13/23	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number
26/24 20/24	40v13/23	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number
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26/24 -	vov13/23 -	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number
26.7	lov13/2 feb26/2	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number	Viscosity @ 100°C Base Number
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Viscosity @ 1009C	VISCOSILV (0) TUUTU	6.0 T	6.0 T	6.0 T	6.0 T	6.0 T	6.0 T	6.0 T	6.0 T	6.0 T	6.0 T	6.0	6.0	17 + Abnormal
											17 44 4	17+ Abnormal	17+ Abnormal	17+ Abnormal
18-	18- Base Number	17 Abnormal	17 Abnormal			17 Abnormal	17 Abnormal	17 Abnormal	17 Abnormal	17 Abnormal	/ † Abnormal			

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

Submitted By: See also GFL642B - Jessica Shearer

T:

F:

joshuaarnett@gflenv.com