

OIL ANALYSIS REPORT

Area **5C07** Machine Id **PETERBILT 337 BTK6528 (S/N 2NP2HM7X4MM746769)** Component

Transmission (Auto) Fluid DEXRON III (--- QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

Wear

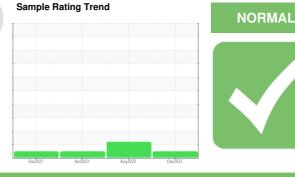
All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

The condition of the fluid is acceptable for the time in service.



SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		ARI0006710	ARI0005665	ARI0005074
Sample Date		Client Info		06 Dec 2023	31 Aug 2022	05 Apr 2022
Machine Age	mls	Client Info		37354	20285	14823
Oil Age	mls	Client Info		0	0	14823
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	ABNORMAL	NORMAL
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>160	42	28	21
Chromium	ppm	ASTM D5185m	>5	<1	0	0
Nickel	ppm	ASTM D5185m	>5	0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m	>5	0	<1	0
Aluminum	ppm	ASTM D5185m	>50	13	10	6
Lead	ppm	ASTM D5185m	>50	13	11	9
Copper	ppm	ASTM D5185m	>225	24	23	25
Tin	ppm	ASTM D5185m	>10	0	<1	<1
Antimony	ppm	ASTM D5185m				
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method				history2
ADDITIVES Boron	ppm	method ASTM D5185m	limit/base	current 148	history1 137	history2 137
	ppm ppm		limit/base			
Boron		ASTM D5185m	limit/base	148	137	137
Boron Barium	ppm	ASTM D5185m ASTM D5185m	limit/base	148 0	137 <1	137 0
Boron Barium Molybdenum	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	148 0 0	137 <1 0	137 0 0
Boron Barium Molybdenum Manganese	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	148 0 0 2	137 <1 0 2	137 0 0 2
Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	148 0 0 2 0	137 <1 0 2 0	137 0 0 2 <1
Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	148 0 0 2 0 41	137 <1 0 2 0 37	137 0 0 2 <1 43
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	148 0 2 0 41 317	137 <1 0 2 0 37 264	137 0 2 <1 43 286
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	148 0 2 0 41 317 0	137 <1 0 2 0 37 264 4	137 0 2 <1 43 286 0
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	148 0 2 0 41 317 0 732	137 <1 0 2 0 37 264 4 597	137 0 2 <1 43 286 0 604
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	148 0 2 0 41 317 0 732 current	137 <1 0 2 0 37 264 4 597 history1	137 0 2 <1 43 286 0 604 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	148 0 0 2 0 41 317 0 732 current 4	137 <1 0 2 0 37 264 4 597 history1 4	137 0 0 2 <1 43 286 0 604 history2 3
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base >20	148 0 0 2 0 41 317 0 732 current 4 5	137 <1 0 2 0 37 264 4 597 history1 4 5	137 0 0 2 <1 43 286 0 604 bistory2 3 0
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	limit/base >20 >20	148 0 0 2 0 41 317 0 732 <i>current</i> 4 5 2	137 <1 0 2 0 37 264 4 597 history1 4 5 0	137 0 0 2 <1 43 286 0 604 history2 3 0 2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	limit/base >20 >20 limit/base	148 0 0 2 0 41 317 0 732 current 4 5 2 2	137 <1 0 2 0 37 264 4 597 history1 4 5 0 0	137 0 0 2 1 43 286 0 604 history2 3 0 2 history2
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	limit/base >20 >20 limit/base NONE	148 0 0 2 0 41 317 0 732 <i>current</i> 4 5 2 2 <i>current</i> NONE	137 <1 0 2 0 37 264 4 597 history1 4 5 0 history1 ∧ MODER	137 0 0 2 4 1 43 286 0 604 history2 3 0 2 history2 LIGHT
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	limit/base >20 >20 limit/base NONE NONE	148 0 0 2 0 41 317 0 732 <i>current</i> 4 5 2 2 <i>current</i> NONE NONE	137 <1 0 2 0 37 264 4 597 history1 4 5 0 history1 4 5 0 history1 4 5 0 history1 0 0 0 0 0 0 0 0 0 0 0 0 0	137 0 0 2 4 1 43 286 0 604 history2 3 0 2 history2 LIGHT NONE
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	limit/base >20 >20 limit/base NONE NONE NONE NONE	148 0 0 2 0 41 317 0 732 <i>current</i> 4 5 2 2 <i>current</i> NONE NONE NONE NONE	137 <1 0 2 0 37 264 4 597 history1 4 5 0 history1 4 5 0 history1 0 history1 0 0 0 0 0 0 0 0 0 0 0 0 0	137 0 0 2 4 1 43 286 0 604 history2 3 0 2 history2 LIGHT NONE NONE
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL VISUAL Yellow Metal Precipitate Silt	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	limit/base >20 >20 20 limit/base NONE NONE NONE NONE NONE NONE	148 0 0 2 0 41 317 0 732 current 4 5 2 2 current NONE NONE NONE NONE NONE	137 <1 0 2 0 37 264 4 597 history1 4 5 0 history1 4 5 0 history1 0 NONE NONE NONE NONE NONE	137 0 0 2 4 1 43 286 0 604 history2 3 0 2 history2 LIGHT NONE NONE NONE NONE
Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m Yuisual *Visual *Visual *Visual *Visual	Iimit/base >20 >20 Imit/base >20 Imit/base NONE	148 0 0 2 0 4 1 317 0 732 current 4 5 2 2 current 4 5 2 2 current NONE NONE NONE NONE NONE LIGHT	137 <100 200 37 264 4 597 history1 4 5 0 history1 MODER NONE NONE NONE NONE NONE	137 0 0 2 2 1 43 286 0 604 bistory2 3 0 2 bistory2 LIGHT NONE NONE NONE NONE

NORML

>0.1

NORML

NEG

NEG

C

NORML

NEG

scalar *Visual

scalar *Visual

scalar

*Visual

Odor

Emulsified Water

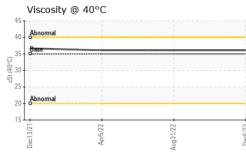
NORML

NEG

NELASEON LEITE - AREGOOCHA



OIL ANALYSIS REPORT



	FLUID PROPE	RTIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445	35.0	36.1	36.1	36.1
	SAMPLE IMAG	BES	method	limit/base	current	history1	history2
	Color				no image	no image	no image
Dec6/23	Bottom				no image	no image	no image
	GRAPHS			L			
	Ferrous Alloys iron ir		Aug31/22	Dec6/23			
	Viscosity @ 400		Aug31/22	Dec6/23			
1.0000	40 + Abnormal 35 - Base 3 - 30 -						
	25 20 15 12 12 12 12 12 12 12 12 12 12 12 12 12		Aug31/22	Dec6/23			
	: WearCheck USA : ARI0006710 : 06057053 : 10823002 : CONST contact Customer So	Recieve Diagnos Diagnos	ison Ave., Ca d : 10 c sed : 11 c stician : Wes	Jan 2024 Jan 2024 s Davis	3 INSITU	C Contact: N	OLOGIES, INC CESTER ROAD HARLTON, MA US 01507 IELSON LEITE TUFORM.COM

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

T: (774)364-1927

F: (508)248-1709