



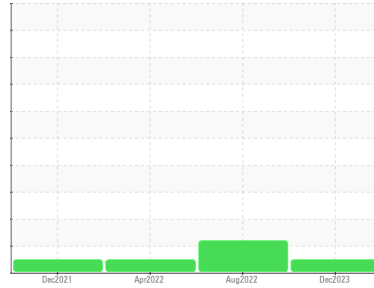
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



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 INFORMATION

	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 Chngd	Not Chngd	Not Chngd
Sample Status			NORMAL	ABNORMAL	NORMAL

CONTAMINATION

	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	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	148	137	137
Barium	ppm	ASTM D5185m	0	<1	0
Molybdenum	ppm	ASTM D5185m	0	0	0
Manganese	ppm	ASTM D5185m	2	2	2
Magnesium	ppm	ASTM D5185m	0	0	<1
Calcium	ppm	ASTM D5185m	41	37	43
Phosphorus	ppm	ASTM D5185m	317	264	286
Zinc	ppm	ASTM D5185m	0	4	0
Sulfur	ppm	ASTM D5185m	732	597	604

CONTAMINANTS

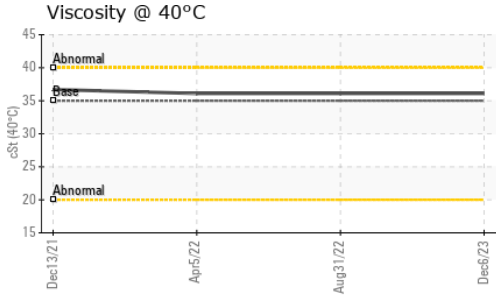
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	4	4	3
Sodium	ppm	ASTM D5185m	5	5	0
Potassium	ppm	ASTM D5185m >20	2	0	2

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	▲ MODER	LIGHT
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	LIGHT	NONE	NONE
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	NONE
Appearance	scalar	*Visual NORML	NORML	NORML	NORML
Odor	scalar	*Visual NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual >0.1	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG



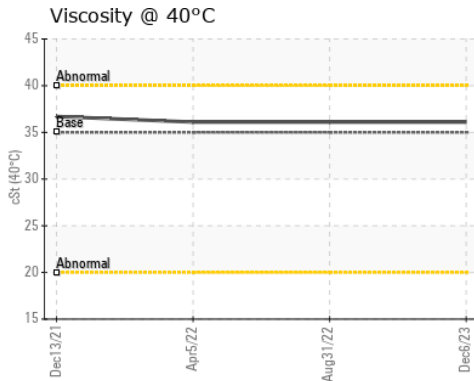
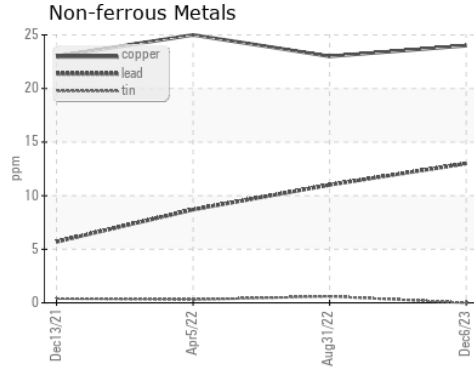
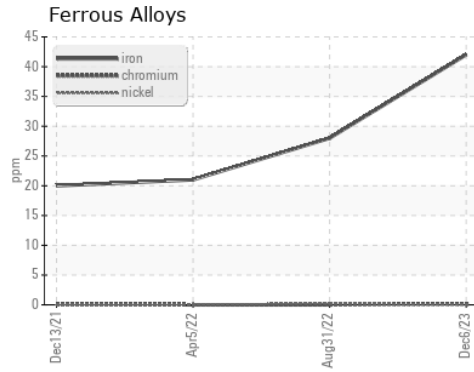
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	35.0	36.1	36.1	36.1

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ARI0006710 **Received** : 10 Jan 2024
Lab Number : **06057053** **Diagnosed** : 11 Jan 2024
Unique Number : 10823002 **Diagnostician** : Wes Davis
Test Package : CONST

INSITUFORM TECHNOLOGIES, INC
 253F WORCESTER ROAD
 CHARLTON, MA
 US 01507
 Contact: NELSON LEITE
 NLEITE@INSITUFORM.COM
 T: (774)364-1927
 F: (508)248-1709

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)