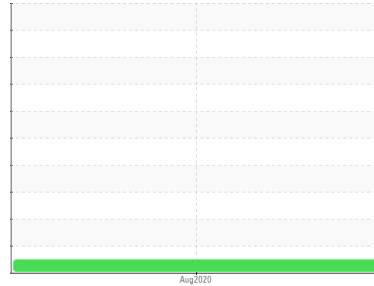




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
Sapp Bros-West Point [20232466011]
 Machine Id
DETROIT DIESEL 1052
 Component
Front Diesel Engine
 Fluid
MOBIL DELVAC 1300 SUPER15W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.
 NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		SBP32466011	---	---
Sample Date	Client Info		14 Aug 2020	---	---
Machine Age	mls	Client Info	354120	---	---
Oil Age	mls	Client Info	18420	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			NORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Fuel	WC Method		<1.0	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	18	---	---
Chromium	ppm	ASTM D5185(m)	1	---	---
Nickel	ppm	ASTM D5185(m)	0	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m)	0	---	---
Aluminum	ppm	ASTM D5185(m)	6	---	---
Lead	ppm	ASTM D5185(m)	0	---	---
Copper	ppm	ASTM D5185(m)	2	---	---
Tin	ppm	ASTM D5185(m)	0	---	---
Vanadium	ppm	ASTM D5185(m)	0	---	---
Cadmium	ppm	ASTM D5185(m)	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	19	---	---
Barium	ppm	ASTM D5185(m)	0	---	---
Molybdenum	ppm	ASTM D5185(m)	12	---	---
Manganese	ppm	ASTM D5185(m)	0	---	---
Magnesium	ppm	ASTM D5185(m)	614	---	---
Calcium	ppm	ASTM D5185(m)	1353	---	---
Phosphorus	ppm	ASTM D5185(m)	694	---	---
Zinc	ppm	ASTM D5185(m)	732	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	4	---	---
Sodium	ppm	ASTM D5185(m)	2	---	---
Potassium	ppm	ASTM D5185(m)	6	---	---
Chlorine	ppm	ASTM D5185(m)	0	---	---
Glycol	%	ASTM D7922*	0.0	---	---

INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	1.63	---	---

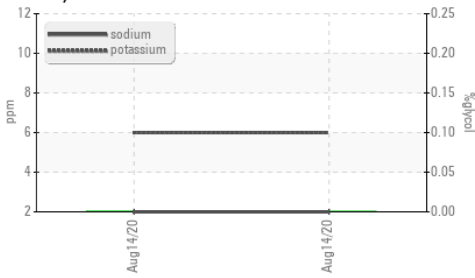
FLUID PROPERTIES

	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D7279(m)	14.9	---	---

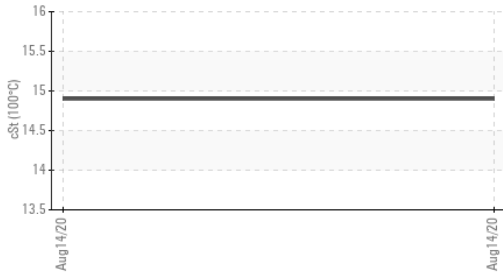


OIL ANALYSIS REPORT

Glycol Contamination

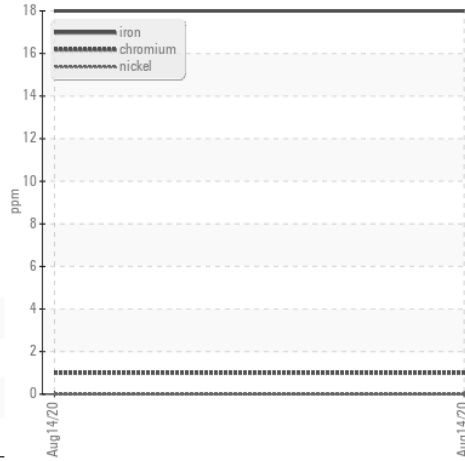


Viscosity @ 100°C

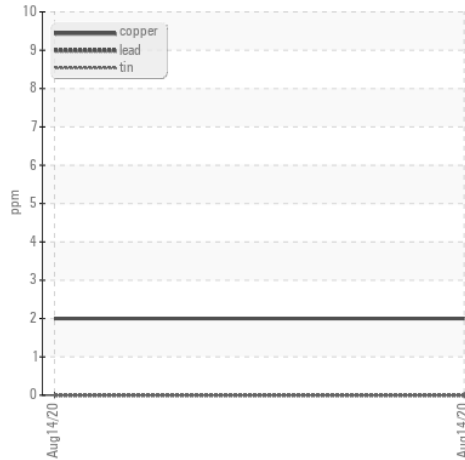


GRAPHS

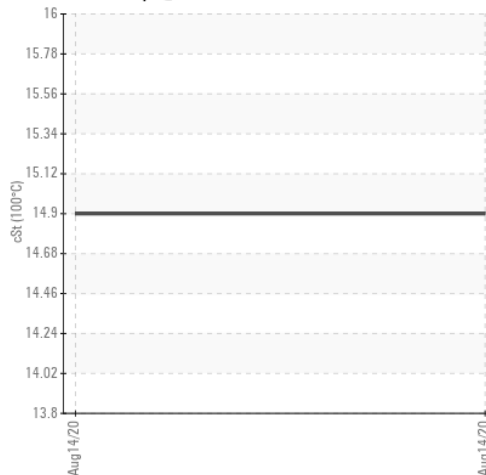
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Laboratory : WearCheck -
 Sample No. : SBP32466011
 Lab Number : 32466011
 Unique Number : 14445423

Received : 19 Aug 2020
 Diagnosed : 22 Jul 2021
 Diagnostician : Wes Davis

Test Package : FLEET (Additional Tests: FT-IR, Glycol, ICP, KV100)
 To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

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 US 68138
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