



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

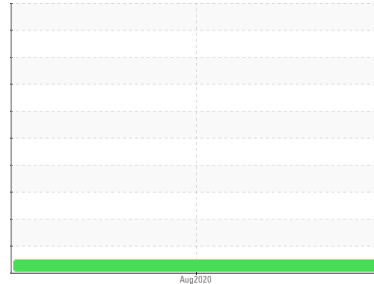


Area
SAPP BROS PETROLEUM / OMAHA [20246119056]

Machine Id
Customer bulk tank

Component
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. Please specify the component make and model with your next sample.

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 INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	SBP46119056	---	---
Sample Date	Client Info	26 Aug 2020	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
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
PQ	ASTM D8184*	5	---	---
Iron	ppm ASTM D5185(m)	2	---	---
Chromium	ppm ASTM D5185(m)	0	---	---
Nickel	ppm ASTM D5185(m)	0	---	---
Titanium	ppm ASTM D5185(m)	0	---	---
Silver	ppm ASTM D5185(m)	0	---	---
Aluminum	ppm ASTM D5185(m)	0	---	---
Lead	ppm ASTM D5185(m)	0	---	---
Copper	ppm ASTM D5185(m)	0	---	---
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)	86	---	---
Barium	ppm ASTM D5185(m)	0	---	---
Molybdenum	ppm ASTM D5185(m)	3	---	---
Manganese	ppm ASTM D5185(m)	0	---	---
Magnesium	ppm ASTM D5185(m)	618	---	---
Calcium	ppm ASTM D5185(m)	1076	---	---
Phosphorus	ppm ASTM D5185(m)	585	---	---
Zinc	ppm ASTM D5185(m)	674	---	---

CONTAMINANTS

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

INFRA-RED

method	limit/base	current	history1	history2
Soot %	% ASTM D7844*	0.18	---	---

FLUID DEGRADATION

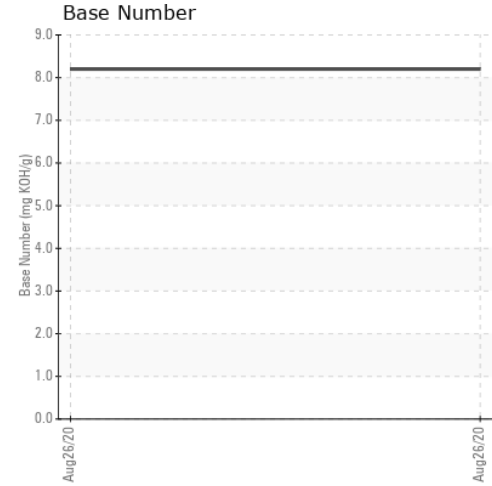
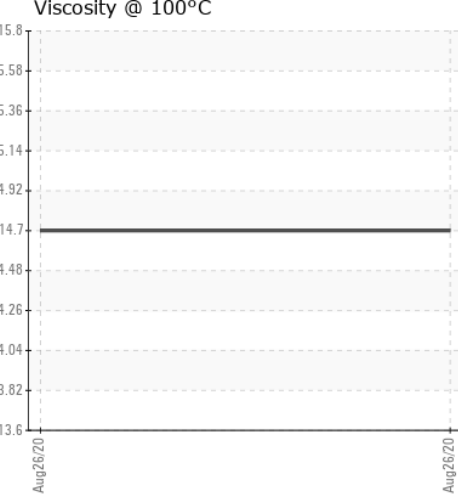
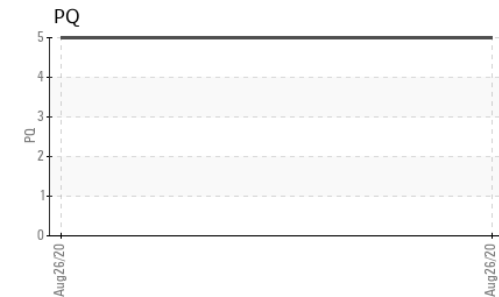
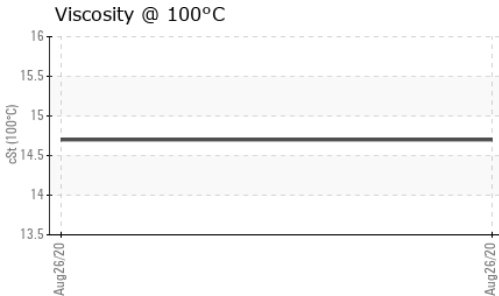
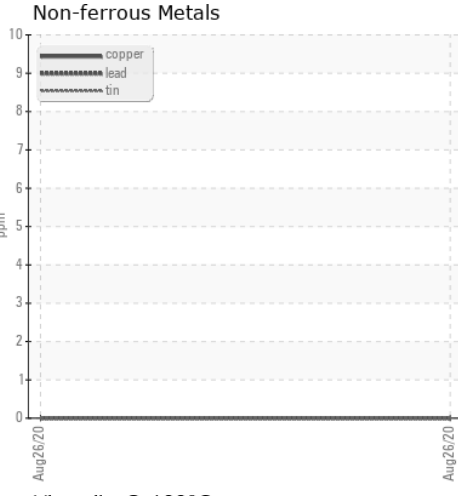
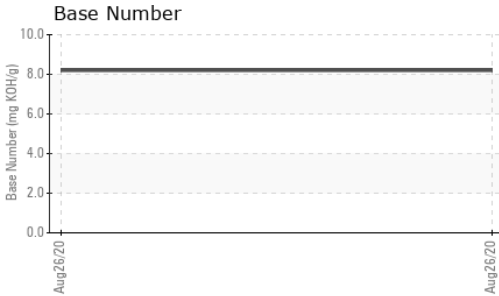
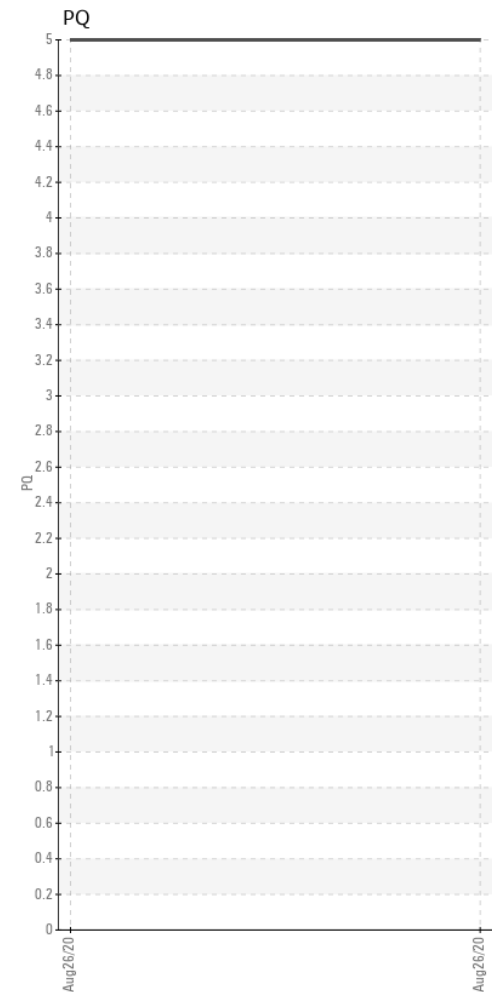
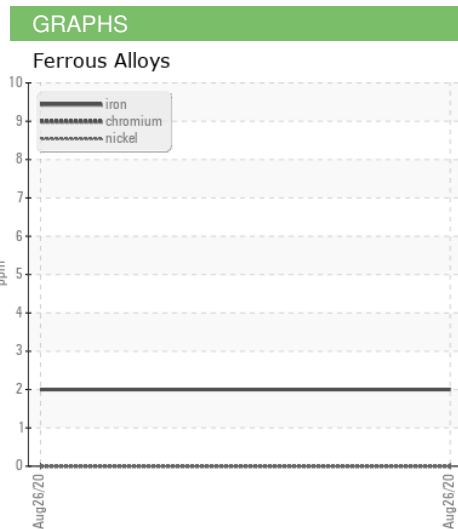
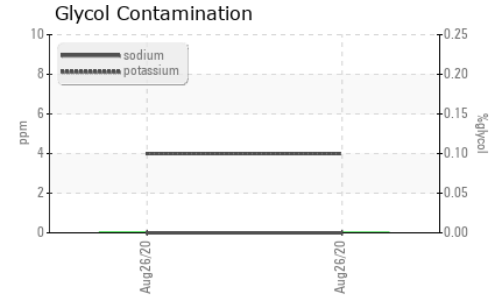
method	limit/base	current	history1	history2
Base Number (BN)	mg KOH/g ASTM D2896*	8.2	---	---

FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 100°C	cSt ASTM D7279(m)	14.7	---	---



OIL ANALYSIS REPORT



Laboratory : WearCheck -
Sample No. : SBP46119056 **Received** : 02 Sep 2020
Lab Number : 46119056 **Diagnosed** : 22 Jul 2021
Unique Number : 14445864 **Diagnostician** : Wes Davis
Test Package : FLEET (Additional Tests: FT-IR, Glycol, ICP, KV100, PQ, TBN)
 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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