

Machine Id
PLYMOUTH 71 PLYMOUTH
 Component
Gasoline
 Fluid
STP SAE 30W (8 QTS)

DIAGNOSIS

Recommendation

We recommend that you drain the gasoline from the component if this has not already been done. We recommend an early resample to monitor this condition.

Wear

Light concentration of visible metal present. Bearing and/or bushing wear is indicated.

Contamination

There is no indication of any contamination in the gasoline.

Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the gasoline. The condition of the gasoline is acceptable for the time in service.

SAMPLE INFORMATION method limit/base current history1 history2

Sample Number	Client Info	PCAM125898	---	---
Sample Date	Client Info	15 Jan 2024	---	---
Machine Age	mls	Client Info	2000	---
Oil Age	mls	Client Info	25	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS method limit/base current history1 history2

Iron	ppm	ASTM D5185m	90	---	---
Chromium	ppm	ASTM D5185m	6	---	---
Nickel	ppm	ASTM D5185m	2	---	---
Titanium	ppm	ASTM D5185m	1	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m	10	---	---
Lead	ppm	ASTM D5185m	▲ 75	---	---
Copper	ppm	ASTM D5185m	▲ 124	---	---
Tin	ppm	ASTM D5185m	2	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	<1	---	---

ADDITIVES method limit/base current history1 history2

Boron	ppm	ASTM D5185m	159	---	---
Barium	ppm	ASTM D5185m	0	---	---
Molybdenum	ppm	ASTM D5185m	75	---	---
Manganese	ppm	ASTM D5185m	2	---	---
Magnesium	ppm	ASTM D5185m	433	---	---
Calcium	ppm	ASTM D5185m	1039	---	---
Phosphorus	ppm	ASTM D5185m	670	---	---
Zinc	ppm	ASTM D5185m	800	---	---
Sulfur	ppm	ASTM D5185m	2987	---	---

CONTAMINANTS method limit/base current history1 history2

Silicon	ppm	ASTM D5185m	13	---	---
Sodium	ppm	ASTM D5185m	<1	---	---
Potassium	ppm	ASTM D5185m	>20	---	---

INFRA-RED method limit/base current history1 history2

Soot %	%	*ASTM D7844	0.1	---	---
Nitration	Abs/cm	*ASTM D7624	5.6	---	---
Sulfation	Abs/.1mm	*ASTM D7415	13.8	---	---

FLUID DEGRADATION method limit/base current history1 history2

Oxidation	Abs/.1mm	*ASTM D7414	7.2	---	---
Base Number (BN)	mg KOH/g	ASTM D2896	6.9	---	---

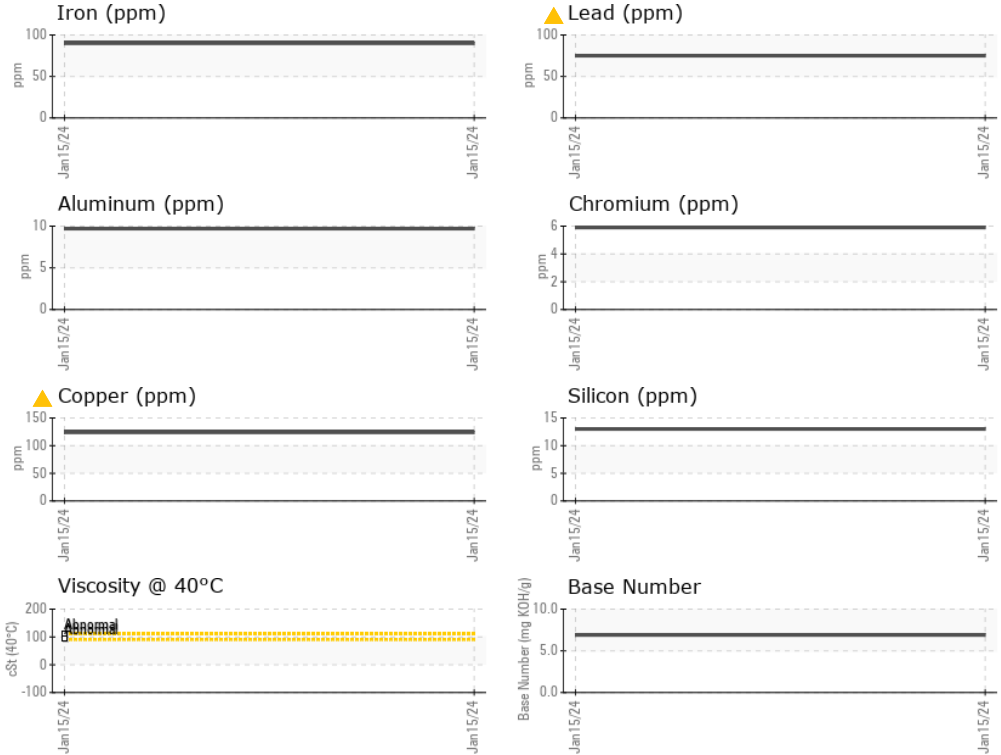
OIL ANALYSIS REPORT

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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	8.3	---	---

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. : PCAM125898 **Received** : 02 Feb 2024
Lab Number : 06078780 **Tested** : 05 Feb 2024
Unique Number : 10860871 **Diagnosed** : 06 Feb 2024 - Jonathan Hester
Test Package : MOB 1 (Additional Tests: FT-IR, KV100, TBN)

CORY CAMPBELL
 1930 90TH ST N
 LOXAHATCHEE, FL
 US 33470

Contact: CORY CAMPBELL
 cory.1394@gmail.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)

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F: