

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL


Machine Id
TWISTED CREEK - P66 GUARDOL FLEET 15W40
 Component
New (Unused) Oil
 Fluid
{not provided} (--- QTS)

DIAGNOSIS
Recommendation

This is a baseline read-out on the submitted sample.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0110270	---	---
Sample Date	Client Info		23 Jun 2024	---	---
Machine Age	mls	Client Info	0	---	---
Oil Age	mls	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method		NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >5	<1	---	---
Chromium	ppm	ASTM D5185m >5	0	---	---
Nickel	ppm	ASTM D5185m >5	<1	---	---
Titanium	ppm	ASTM D5185m	<1	---	---
Silver	ppm	ASTM D5185m >5	0	---	---
Aluminum	ppm	ASTM D5185m >5	2	---	---
Lead	ppm	ASTM D5185m >5	0	---	---
Copper	ppm	ASTM D5185m >5	<1	---	---
Tin	ppm	ASTM D5185m >5	0	---	---
Vanadium	ppm	ASTM D5185m	<1	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	107	---	---
Barium	ppm	ASTM D5185m	0	---	---
Molybdenum	ppm	ASTM D5185m	6	---	---
Manganese	ppm	ASTM D5185m	<1	---	---
Magnesium	ppm	ASTM D5185m	755	---	---
Calcium	ppm	ASTM D5185m	1386	---	---
Phosphorus	ppm	ASTM D5185m	1127	---	---
Zinc	ppm	ASTM D5185m	1297	---	---
Sulfur	ppm	ASTM D5185m	4738	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	7	---	---
Sodium	ppm	ASTM D5185m	2	---	---
Potassium	ppm	ASTM D5185m >20	5	---	---

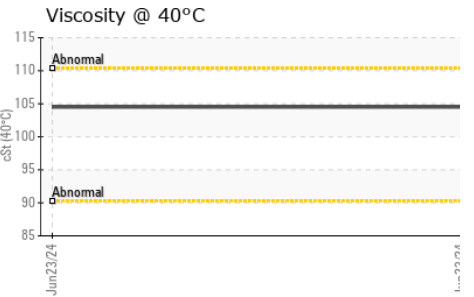
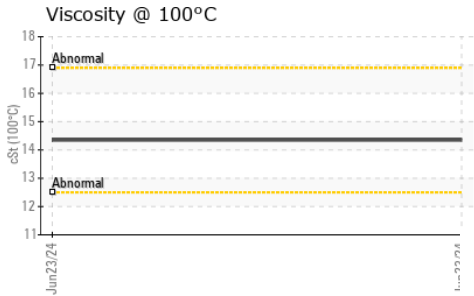
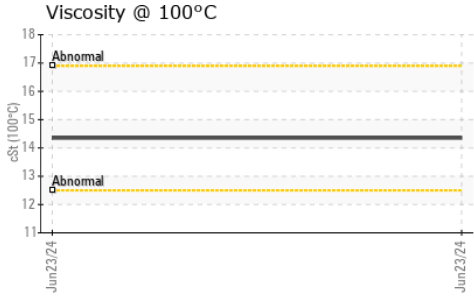
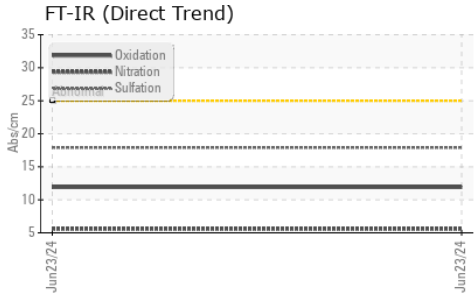
INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	0	---	---
Nitration	Abs/cm	*ASTM D7624	5.6	---	---
Sulfation	Abs/.1mm	*ASTM D7415	17.9	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	11.9	---	---
Base Number (BN)	mg KOH/g	ASTM D2896	9.20	---	---

OIL ANALYSIS REPORT



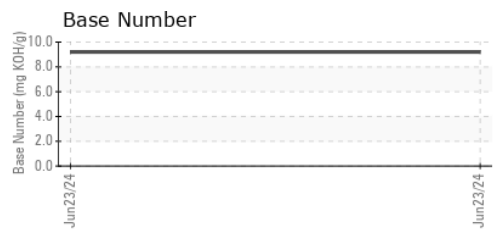
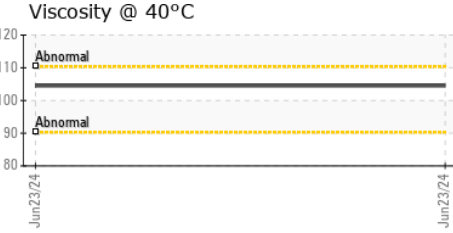
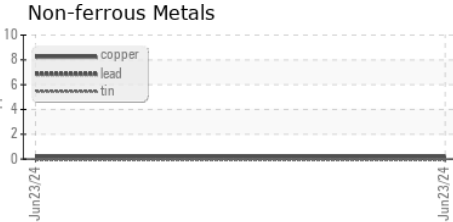
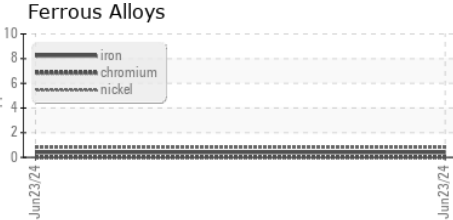
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
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 @ 40°C	cSt	ASTM D445	104.5	---	---
Visc @ 100°C	cSt	ASTM D445	14.35	---	---
Viscosity Index (VI)	Scale	ASTM D2270	140	---	---

SAMPLE IMAGES

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0110270 **Received** : 24 Jun 2024
Lab Number : 06218688 **Tested** : 26 Jun 2024
Unique Number : 11096885 **Diagnosed** : 26 Jun 2024 - Jonathan Hester
Test Package : FLEET (Additional Tests: FT-IR, KV100, TBN, VI)

AMERICAN NATURAL SUPPLY
 12475 RTE 119 HWY N
 ROCHESTER MILLS, PA
 US 15771
 Contact: SCOTT KINTER
 skinter@americannatural.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)