

Machine Id  
**DURON HP 15W40**  
Component  
**New (Unused) Oil**  
Fluid  
**{not provided} (--- GAL)**

**RECOMMENDATION**

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0123325	---	---
Sample Date		Client Info		13 Jun 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				<b>NORMAL</b>	---	---

**WEAR**

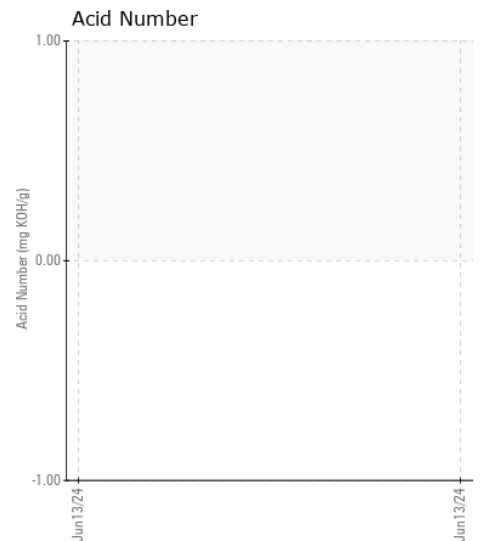
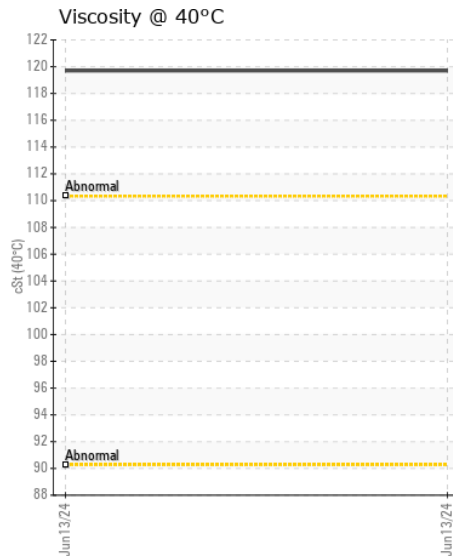
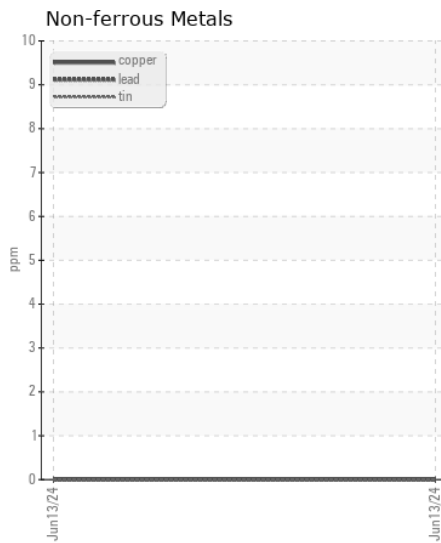
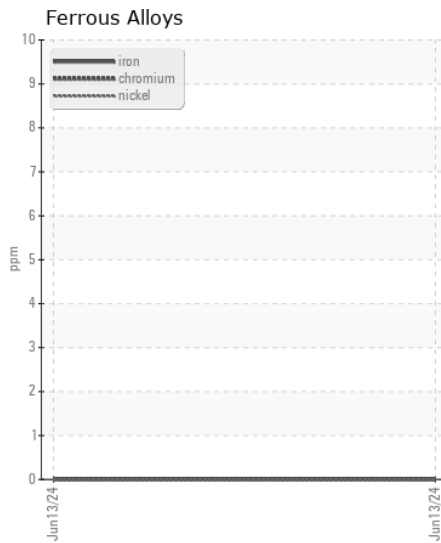
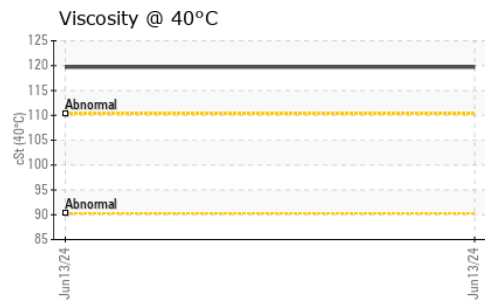
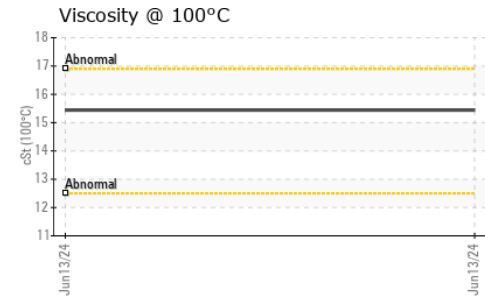
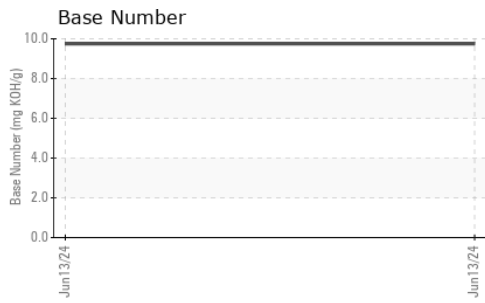
Iron	ppm	ASTM D5185m	>5	0	---	---
Chromium	ppm	ASTM D5185m	>5	0	---	---
Nickel	ppm	ASTM D5185m	>5	0	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m	>5	0	---	---
Aluminum	ppm	ASTM D5185m	>5	<1	---	---
Lead	ppm	ASTM D5185m	>5	0	---	---
Copper	ppm	ASTM D5185m	>5	0	---	---
Tin	ppm	ASTM D5185m	>5	0	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

Silicon	ppm	ASTM D5185m	>15	4	---	---
Potassium	ppm	ASTM D5185m	>20	<1	---	---
Water	%	ASTM D6304		<b>NEG</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	---	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	*Visual		<b>NEG</b>	---	---

**FLUID CONDITION**

Sodium	ppm	ASTM D5185m		1	---	---
Boron	ppm	ASTM D5185m		<1	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		58	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m		1022	---	---
Calcium	ppm	ASTM D5185m		1101	---	---
Phosphorus	ppm	ASTM D5185m		1078	---	---
Zinc	ppm	ASTM D5185m		1302	---	---
Sulfur	ppm	ASTM D5185m		3977	---	---
Base Number (BN)	mg KOH/g	ASTM D2896		9.75	---	---
Visc @ 40°C	cSt	ASTM D445		119.7	---	---
Visc @ 100°C	cSt	ASTM D445		15.44	---	---
Viscosity Index (VI)	Scale	ASTM D2270		135	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : PCA0123325

**Lab Number** : 06215228

**Unique Number** : 11088092

**Test Package** : MOB 2 ( Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PrtCount, TBN, VCP)

**Received** : 19 Jun 2024

**Tested** : 24 Jun 2024

**Diagnosed** : 24 Jun 2024 - Jonathan Hester

**Ramos Oil Company, Inc**

1515 South River Road

West Sacramento, CA

US 95691

Contact: ROBERT FEDER

robertf@ramosoil.com

T:

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)

F: (916)371-0635