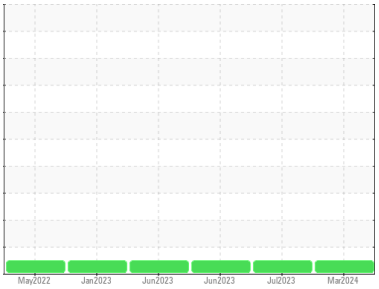
FUEL REPORT

Sample Rating Trend



NORMAL

Machine Id
HC2221
Component
Diesel Fuel
Fluid
No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)

DIAGNOSIS

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

Corrosion
All metal levels are normal indicating no corrosion in the system.

Contaminants
The water content is negligible. There is no indication of any contamination in the fuel.

Fuel Condition
The condition of the fuel is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**WC0704490**	WC0810396	WC0810568
Sample Date		Client Info		**28 Mar 2024**	16 Jul 2023	16 Jun 2023
Machine Age	hrs	Client Info		**3284**	2837	2510
Sample Status				**NORMAL**	NORMAL	NORMAL

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	3.0	**2.29**	2.85	2.64

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	**3**	0	0

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	**0**	0	<1
Sodium	ppm	ASTM D5185m	<0.1	**1**	0	2
Potassium	ppm	ASTM D5185m	<0.1	**0**	<1	0
Water	%	ASTM D6304	<0.05	**0.003**	0.004	0.003
ppm Water	ppm	ASTM D6304	<500	**38**	45.5	39.6

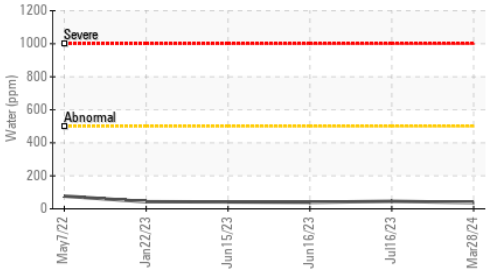
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	**0**	0	<1
Nickel	ppm	ASTM D5185m	<0.1	**0**	0	<1
Lead	ppm	ASTM D5185m	<0.1	**0**	0	<1
Vanadium	ppm	ASTM D5185m	<0.1	**0**	0	<1
Iron	ppm	ASTM D5185m	<0.1	**0**	0	0
Calcium	ppm	ASTM D5185m	<0.1	**0**	0	0
Magnesium	ppm	ASTM D5185m	<0.1	**0**	0	6
Phosphorus	ppm	ASTM D5185m	<0.1	**0**	<1	0
Zinc	ppm	ASTM D5185m	<0.1	**0**	0	3

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

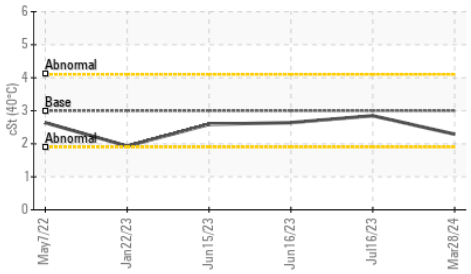
FUEL REPORT

GRAPHS

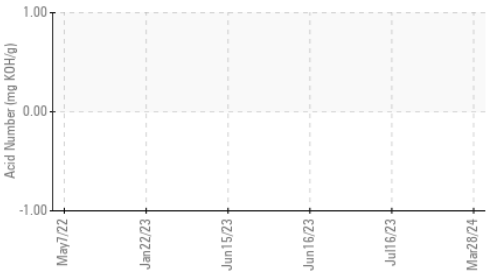
Water (KF)



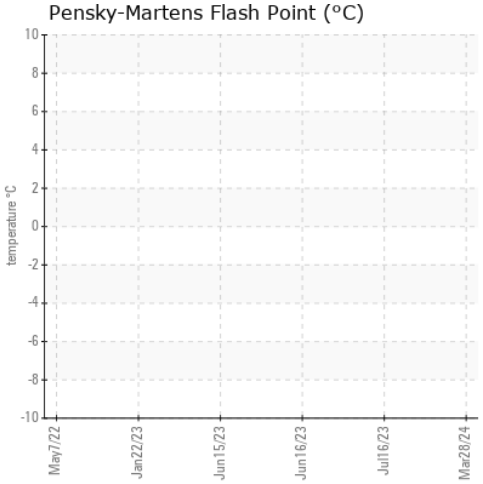
Viscosity @ 40°C



Acid Number



Pensky-Martens Flash Point (°C)



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0704490 **Received** : 01 Apr 2024
Lab Number : 06135934 **Tested** : 04 Apr 2024
Unique Number : 10955399 **Diagnosed** : 04 Apr 2024 - Jonathan Hester
Test Package : CONST (Additional Tests: KF)

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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