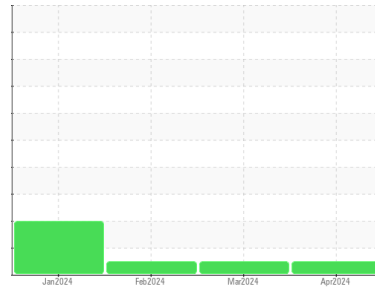


FUEL REPORT

Sample Rating Trend



NORMAL



Machine Id
JOHN DEERE 624L 624L UNIT 1
 Component
Diesel Fuel
 Fluid
No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)

DIAGNOSIS

Recommendation
 No corrective action is recommended at this time.

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			PE0003810	PE0003829	PE0003893
Sample Date	Client Info			05 Apr 2024	07 Mar 2024	08 Feb 2024
Machine Age	hrs	Client Info		7316	7000	6721
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	3.0	2.31	2.24	2.08

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

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1	0	0
Sodium	ppm	ASTM D5185m	<0.1	<1	<1	0
Potassium	ppm	ASTM D5185m	<0.1	0	0	0
Water	%	ASTM D6304	<0.05	0.003	0.002	0.003
ppm Water	ppm	ASTM D6304	<500	36	23	35

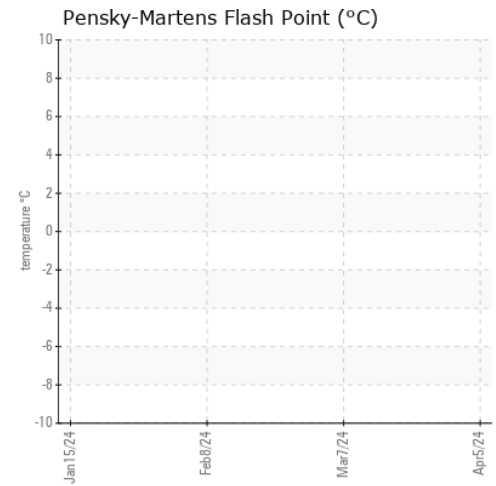
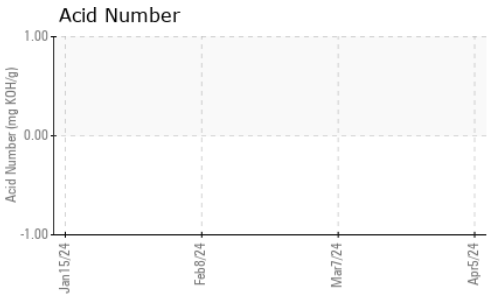
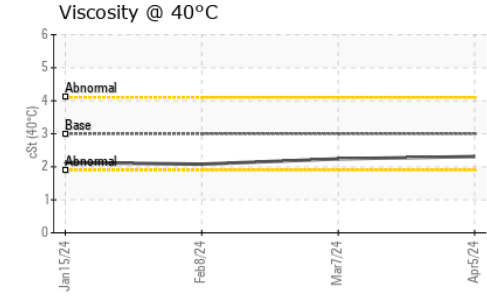
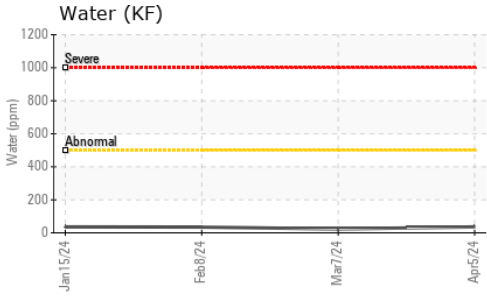
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0	0	0
Nickel	ppm	ASTM D5185m	<0.1	0	0	0
Lead	ppm	ASTM D5185m	<0.1	0	0	0
Vanadium	ppm	ASTM D5185m	<0.1	<1	0	0
Iron	ppm	ASTM D5185m	<0.1	0	0	0
Calcium	ppm	ASTM D5185m	<0.1	0	0	0
Magnesium	ppm	ASTM D5185m	<0.1	0	0	0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

SAMPLE IMAGES

method	limit/base	current	history1	history2
Color				
Bottom				

FUEL REPORT

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PE0003810 **Received** : 10 Apr 2024
Lab Number : **06144770** **Tested** : 15 Apr 2024
Unique Number : 10969578 **Diagnosed** : 15 Apr 2024 - Jonathan Hester
Test Package : CONST (Additional Tests: ICP, KF, KV40, SCREEN)

MORNING STAR DAIRY
 801 FM 694
 DALHART, TX
 US 79022
 Contact: JOHN DEVRIES
 johndevries@gmail.com

Certificate L2367
 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)