



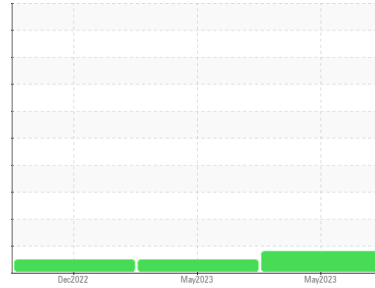
FUEL REPORT

Sample Rating Trend

WEAR



Machine Id
JCB 512-56 1232 (S/N 2995106)
 Component
Diesel Fuel
 Fluid
NOT GIVEN (--- 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			JCB002899	JCB005580	JCB002905
Sample Date	Client Info			26 May 2023	25 May 2023	22 Dec 2022
Machine Age	hrs	Client Info		198	198	105
Sample Status				ABNORMAL	NORMAL	NORMAL

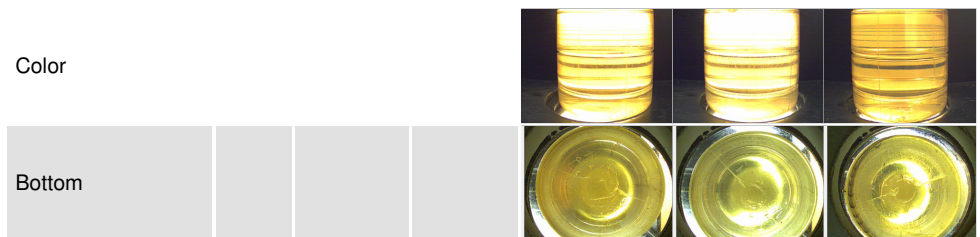
PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		2.3	2.41	2.45

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		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	0	0	0
Potassium	ppm	ASTM D5185m	<0.1	<1	0	<1
Water	%	ASTM D6304	<0.05	0.002	0.003	0.003
ppm Water	ppm	ASTM D6304	<500	19.5	26.0	27.0

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	0	0	0
Iron	ppm	ASTM D5185m	<0.1	▲ 2	0	0
Calcium	ppm	ASTM D5185m	<0.1	0	0	0
Magnesium	ppm	ASTM D5185m	<0.1	<1	<1	<1
Phosphorus	ppm	ASTM D5185m	<0.1	0	0	2
Zinc	ppm	ASTM D5185m	<0.1	0	0	0

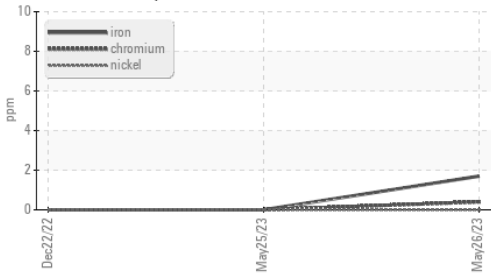
SAMPLE IMAGES		method	limit/base	current	history1	history2
---------------	--	--------	------------	---------	----------	----------





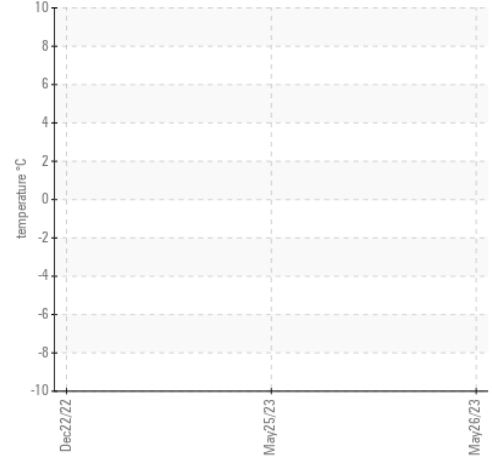
FUEL REPORT

▲ Ferrous Alloys

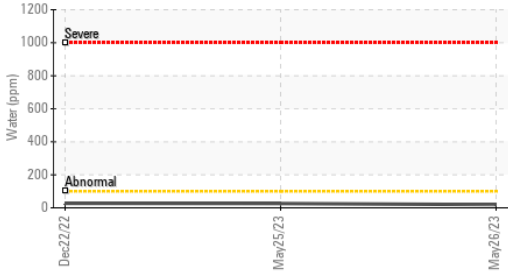


GRAPHS

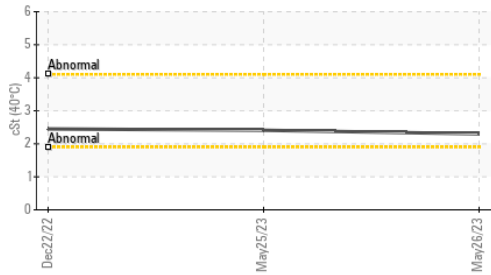
Pensky-Martens Flash Point (°C)



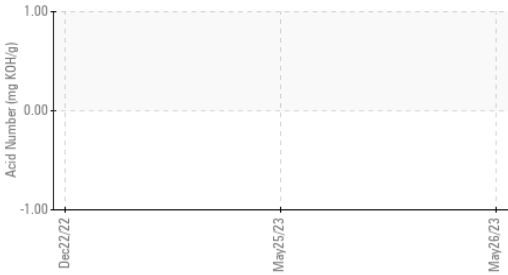
Water (KF)



Viscosity @ 40°C



Acid Number



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JCB002899 **Received** : 31 May 2023
Lab Number : 05861139 **Diagnosed** : 02 Jun 2023
Unique Number : 10495604 **Diagnostician** : Jonathan Hester
Test Package : MOB 1 (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)

MERIDIAN UTILITY EQUIPMENT SALES
 1315 VINCI AVE
 SACRAMENTO, CA
 US 95838

Contact: JOSHUA MURCH
 JOSH.MURCH@MERIDIANPACIFIC.COM

T: (916)308-4430

F: