



FUEL REPORT

CORROSION	NORMAL
CONTAMINANTS	SEVERE
FUEL CONDITION	NORMAL

Machine Id
VOLVO VNL 112
 Component
Diesel Fuel
 Fluid
No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. We advise that you filter this fluid before use. We advise that you follow the water drain-off procedure for this component. We advise that you inspect the fuel tank for signs of corrosion and remove any heavy microbiological contamination manually. We recommend you service and check the fuel filters for mucous-like deposits. Check with fuel supplier for biocides available to destroy the microorganisms in the fuel system. Recommend resampling in 10 days. We recommend an early resample to monitor this condition.

CORROSION

{not applicable}

CONTAMINANTS

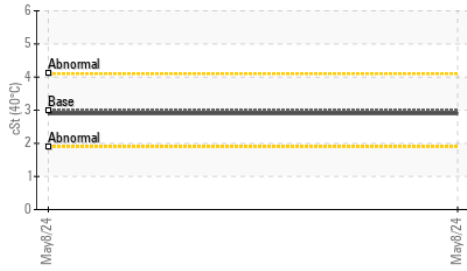
Excessive free water present. There is no bacteria or fungus (yeast and/or mold) present in the sample. Excessively high bacteria counts. No reportable mold present. No reportable yeast present.

FUEL CONDITION

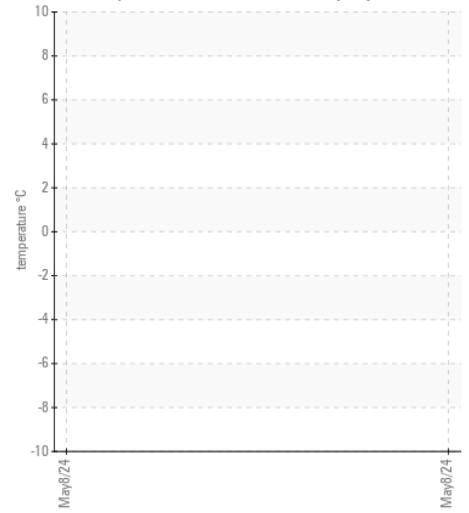
The fuel is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0939739	---	---
Sample Date		Client Info		08 May 2024	---	---
Machine Age	kms	Client Info		638742	---	---
Sample Status				SEVERE	---	---
Aluminum	ppm	ASTM D5185(m)	<0.1	<1	---	---
Nickel	ppm	ASTM D5185(m)	<0.1	0	---	---
Lead	ppm	ASTM D5185(m)	<0.1	0	---	---
Vanadium	ppm	ASTM D5185(m)	<0.1	0	---	---
Iron	ppm	ASTM D5185(m)	<0.1	<1	---	---
Silicon	ppm	ASTM D5185(m)	<1.0	<1	---	---
Sodium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Potassium	ppm	ASTM D5185(m)	<0.1	0	---	---
Bacteria	CFU/ml	ASTM D6469*	>=100000	▲ 10000000	---	---
Yeast	CFU/ml	ASTM D6469*	>=100000	0	---	---
Mold	Colonies	ASTM D6469*	MODER	NONE	---	---
Calcium	ppm	ASTM D5185(m)	<0.1	<1	---	---
Magnesium	ppm	ASTM D5185(m)	<0.1	0	---	---
Phosphorus	ppm	ASTM D5185(m)	<0.1	0	---	---
Zinc	ppm	ASTM D5185(m)	<0.1	1	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	3.0	2.9	---	---
Sulfur	ppm	ASTM D5185(m)	10	6	---	---

Viscosity @ 40°C



Pensky-Martens Flash Point (°C)



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0939739
Lab Number : 02634418
Unique Number : 5775571
Test Package : MOB 1 (Additional Tests: Bacteria)

Received : 09 May 2024
Tested : 13 May 2024
Diagnosed : 13 May 2024 - Kevin Marson

Vision Truck Group
 300 Steelwell Road
 Brampton, ON
 CA L6T 5T3
 Contact: Supervisor
 toshop@visiontruckgroup.com

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

T:
F: