



OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

SULPHEN TOWER 1

Component

Diesel Fuel

Fluid

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Corrosion

All component wear rates are normal.

Contaminants

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	WC0917829	---	---
Sample Date	Client Info	15 Apr 2024	---	---
Machine Age	hrs	Client Info	35238	---
Sample Status			NORMAL	---

WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m >2	0	---	---
Chromium	ppm	ASTM D5185m >2	<1	---	---
Nickel	ppm	ASTM D5185m >2	<1	---	---
Titanium	ppm	ASTM D5185m >2	<1	---	---
Silver	ppm	ASTM D5185m >2	<1	---	---
Aluminum	ppm	ASTM D5185m >2	2	---	---
Lead	ppm	ASTM D5185m >2	<1	---	---
Copper	ppm	ASTM D5185m >2	<1	---	---
Tin	ppm	ASTM D5185m >2	<1	---	---
Vanadium	ppm	ASTM D5185m	<1	---	---
Cadmium	ppm	ASTM D5185m	<1	---	---

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m 2	0	---	---
Barium	ppm	ASTM D5185m 2	<1	---	---
Molybdenum	ppm	ASTM D5185m 2	<1	---	---
Manganese	ppm	ASTM D5185m	<1	---	---
Magnesium	ppm	ASTM D5185m 2	<1	---	---
Calcium	ppm	ASTM D5185m 2	2	---	---
Phosphorus	ppm	ASTM D5185m 2	0	---	---
Zinc	ppm	ASTM D5185m 2	0	---	---
Sulfur	ppm	ASTM D5185m 10	0	---	---

CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >10	<1	---	---
Sodium	ppm	ASTM D5185m >5	0	---	---
Potassium	ppm	ASTM D5185m >20	2	---	---

VISUAL

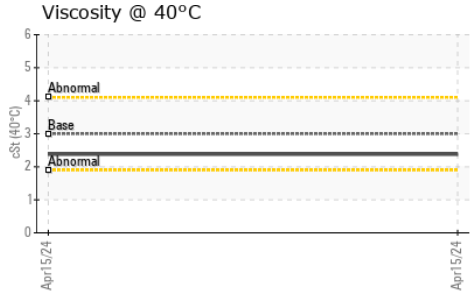
method	limit/base	current	history1	history2	
White Metal	scalar	*Visual NONE	NONE	---	---
Yellow Metal	scalar	*Visual NONE	NONE	---	---
Precipitate	scalar	*Visual NONE	NONE	---	---
Silt	scalar	*Visual NONE	NONE	---	---
Debris	scalar	*Visual NONE	NONE	---	---
Sand/Dirt	scalar	*Visual NONE	NONE	---	---
Appearance	scalar	*Visual NORML	NORML	---	---
Odor	scalar	*Visual NORML	NORML	---	---
Emulsified Water	scalar	*Visual >0.05	NEG	---	---
Free Water	scalar	*Visual	NEG	---	---

FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445 3.0	2.38	---	---

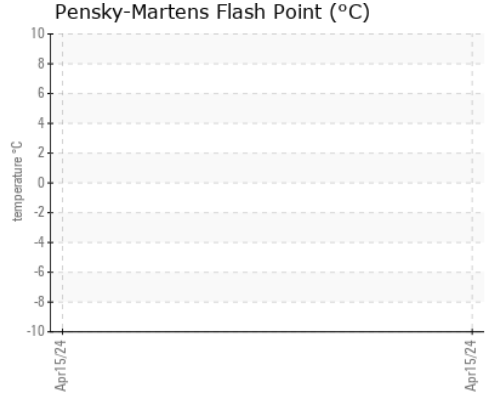


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SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0917829 **Received** : 10 May 2024
Lab Number : 06176378 **Tested** : 16 May 2024
Unique Number : 11022431 **Diagnosed** : 03 Jun 2024 - Doug Bogart
Test Package : FLEET

WARD FIRE DEPT
 107 MOORE ST
 WARD, AR
 US 72176
 Contact: TONY REAVE
 TONYREAVE@CITYOFWARD.COM

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)

T:
F: