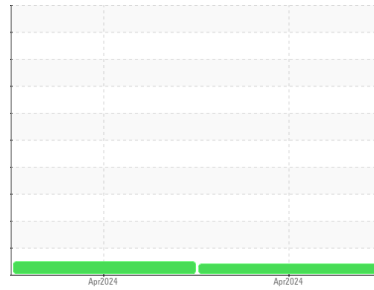


# FUEL REPORT

Sample Rating Trend



VISCOSITY



Machine Id  
**VOLVO L90H 627124**  
 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 fuel viscosity is higher than normal.

## SAMPLE INFORMATION

| method        | limit/base  | current            | history1    | history2 |
|---------------|-------------|--------------------|-------------|----------|
| Sample Number | Client Info | <b>ML0001382</b>   | ML0001352   | ---      |
| Sample Date   | Client Info | <b>23 Apr 2024</b> | 22 Apr 2024 | ---      |
| Machine Age   | hrs         | <b>395</b>         | 396         | ---      |
| Sample Status |             | <b>ABNORMAL</b>    | NORMAL      | ---      |

## PHYSICAL PROPERTIES

| method      | limit/base | current       | history1 | history2 |
|-------------|------------|---------------|----------|----------|
| Visc @ 40°C | cSt        | <b>▲ 13.1</b> | 2.46     | ---      |

## SULFUR CONTENT

| method | limit/base | current  | history1 | history2 |
|--------|------------|----------|----------|----------|
| Sulfur | ppm        | <b>0</b> | 0        | ---      |

## CONTAMINANTS

| method    | limit/base | current      | history1 | history2 |
|-----------|------------|--------------|----------|----------|
| Silicon   | ppm        | <b>0</b>     | 0        | ---      |
| Sodium    | ppm        | <b>0</b>     | 0        | ---      |
| Potassium | ppm        | <b>0</b>     | 0        | ---      |
| Water     | %          | <b>0.004</b> | 0.009    | ---      |
| ppm Water | ppm        | <b>45</b>    | 94       | ---      |

## HEAVY METALS

| method     | limit/base | current      | history1 | history2 |
|------------|------------|--------------|----------|----------|
| Aluminum   | ppm        | <b>0</b>     | 0        | ---      |
| Nickel     | ppm        | <b>0</b>     | 0        | ---      |
| Lead       | ppm        | <b>0</b>     | 0        | ---      |
| Vanadium   | ppm        | <b>0</b>     | 0        | ---      |
| Iron       | ppm        | <b>0</b>     | 0        | ---      |
| Calcium    | ppm        | <b>&lt;1</b> | 0        | ---      |
| Magnesium  | ppm        | <b>0</b>     | 0        | ---      |
| Phosphorus | ppm        | <b>&lt;1</b> | 0        | ---      |
| Zinc       | ppm        | <b>0</b>     | 0        | ---      |

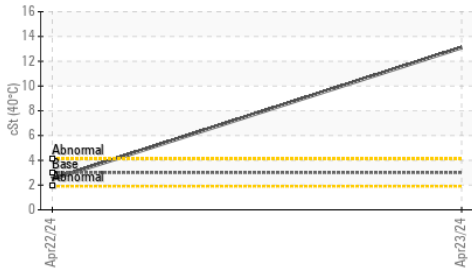
## SAMPLE IMAGES

| method | limit/base | current | history1 | history2        |
|--------|------------|---------|----------|-----------------|
| Color  |            |         |          | <i>no image</i> |
| Bottom |            |         |          | <i>no image</i> |

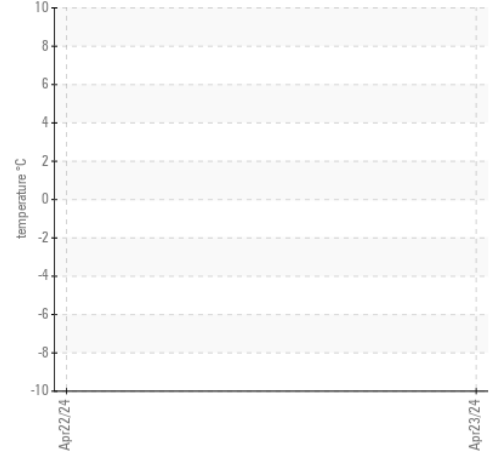
# FUEL REPORT

## GRAPHS

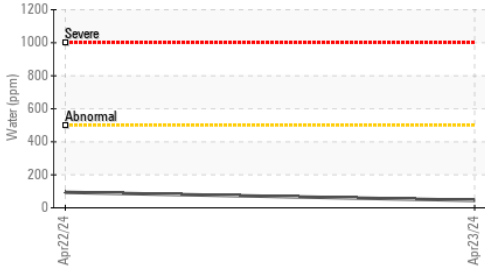
▲ Viscosity @ 40°C



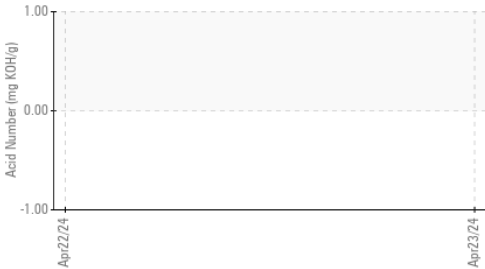
Pensky-Martens Flash Point (°C)



Water (KF)



Acid Number



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)

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ML0001382  
**Lab Number** : 06160892  
**Unique Number** : 10996315  
**Test Package** : CONST ( Additional Tests: KF, SCREEN )

**Received** : 25 Apr 2024  
**Tested** : 01 May 2024  
**Diagnosed** : 01 May 2024 - Jonathan Hester

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