



# COOLANT REPORT

|                 |        |
|-----------------|--------|
| WEAR            | NORMAL |
| CONTAMINATION   | NORMAL |
| FLUID CONDITION | NORMAL |



Machine Id  
**MACK MD-6 VD1338**  
 Component  
**Radiator Coolant**  
 Fluid  
**DURALENE Dura-Cool Nitrite Free ELC 50/50 (--- GAL)**

## RECOMMENDATION

The fluid is suitable for further service.

| Test           | UOM | Method      | Limit/Abn | Current     | History1 | History2 |
|----------------|-----|-------------|-----------|-------------|----------|----------|
| Sample Number  |     | Client Info |           | DC0033836   | ---      | ---      |
| Sample Date    |     | Client Info |           | 16 Apr 2024 | ---      | ---      |
| Machine Age    | mls | Client Info |           | 25036       | ---      | ---      |
| Oil Age        | mls | Client Info |           | 25036       | ---      | ---      |
| Filter Age     | mls | Client Info |           | 0           | ---      | ---      |
| Oil Changed    |     | Client Info |           | Not Changd  | ---      | ---      |
| Filter Changed |     | Client Info |           | Not Changd  | ---      | ---      |
| Sample Status  |     |             |           | NORMAL      | ---      | ---      |

## WEAR

|                        |  |         |       |        |     |     |
|------------------------|--|---------|-------|--------|-----|-----|
| Total Dissolved Solids |  |         |       | 582.5  | --- | --- |
| Coolant Appearance     |  | *Visual | Clear | normal | --- | --- |

## CONTAMINATION

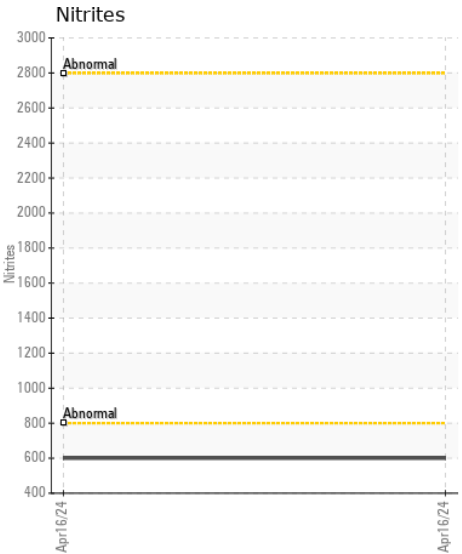
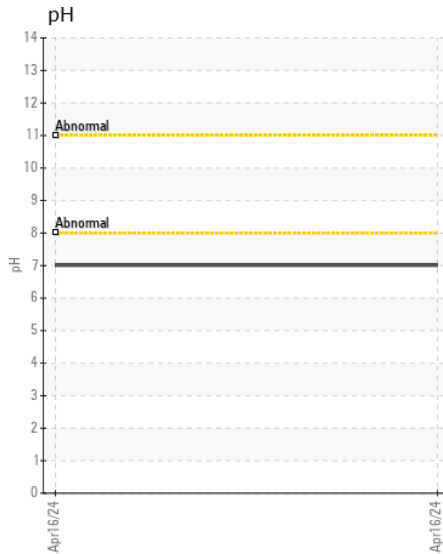
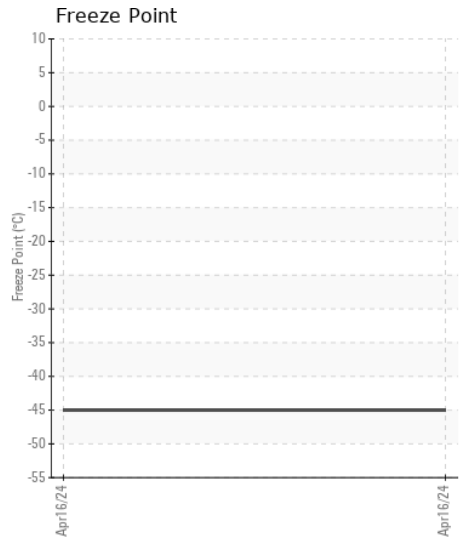
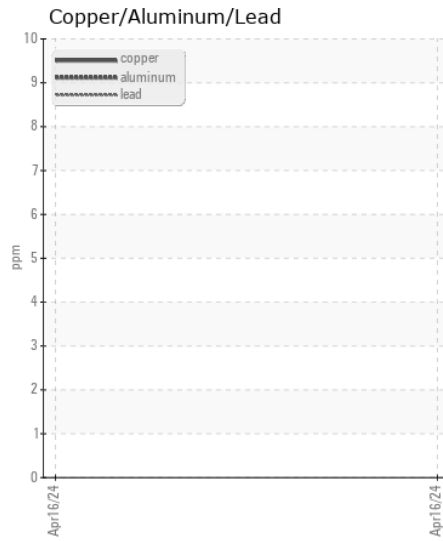
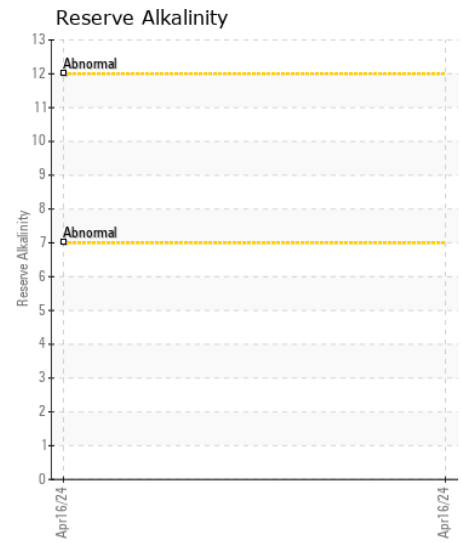
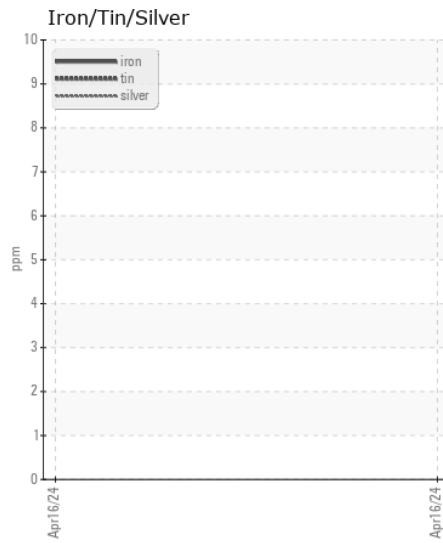
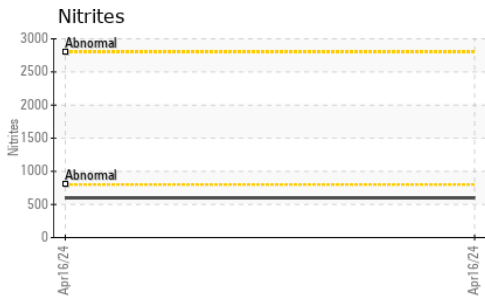
|       |  |           |  |     |     |     |
|-------|--|-----------|--|-----|-----|-----|
| Water |  | WC Method |  | NEG | --- | --- |
|-------|--|-----------|--|-----|-----|-----|

## FLUID CONDITION

Contamination in the coolant.

Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

|                    |            |             |  |       |     |     |
|--------------------|------------|-------------|--|-------|-----|-----|
| Boiling Point      | °C         | WC Method   |  | 227   | --- | --- |
| Specific Gravity   |            | *ASTM D1298 |  | 1.072 | --- | --- |
| pH                 | Scale 0-14 | ASTM D1287  |  | 7.01  | --- | --- |
| Nitrites           | ppm        | AP-053:2009 |  | 600   | --- | --- |
| Reserve Alkalinity | Scale 0-20 | *ASTM D1121 |  | ---   | --- | --- |
| Percentage Glycol  | %          | ASTM D3321  |  | 54.0  | --- | --- |
| Freezing Point     | °F         | ASTM D3321  |  | -45   | --- | --- |
| Carboxylate        |            |             |  | fail  | --- | --- |
| Coolant Color      |            | *Visual     |  | Red   | --- | --- |



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : DC0033836 **Received** : 17 Apr 2024  
**Lab Number** : 06152481 **Tested** : 18 Apr 2024  
**Unique Number** : 10982559 **Diagnosed** : 22 Apr 2024 - Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType )

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)

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