



RAPPORT DU CARBURANT

| | |
|-------------------|---------------|
| CORROSSIONE | NORMAL |
| CONTAMINANTS | NORMAL |
| ÉTAT DU CARBURANT | NORMAL |

Secteur

[49236]

Identité de la machine

349198-1-1-0712

Composant

Carburant diesel

Fluide

No.1 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)

RECOMMENDATION

Laboratory test indicate that this fuel is suitable for use and meets all test requirements. Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---------------------|-----|-------------|-----------|--------------------|----------|----------|
| Numéro d'échant. | | Client Info | | CU0021639 | --- | --- |
| Date d'échant. | | Client Info | | 13 Nov 2023 | --- | --- |
| Âge d la Machine | hrs | Client Info | | 0 | --- | --- |
| Statut de l'échant. | | | | NORMAL | --- | --- |

CORROSSIONE

{not applicable}

| | | | | | | |
|-----------|-----|---------------|------|--------------|-----|-----|
| Aluminium | ppm | ASTM D5185(m) | <0.1 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | <0.1 | 0 | --- | --- |
| Plomb | ppm | ASTM D5185(m) | <0.1 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | <0.1 | 0 | --- | --- |
| Fer | ppm | ASTM D5185(m) | <0.1 | <1 | --- | --- |

CONTAMINANTS

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. There is no indication of any contamination in the diesel fuel.

| | | | | | | |
|---------------------|-----|---------------|-----------|-----------------|-----|-----|
| Silicium | ppm | ASTM D5185(m) | <1.0 | 0 | --- | --- |
| Sodium | ppm | ASTM D5185(m) | <0.1 | <1 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | <0.1 | <1 | --- | --- |
| Eau | % | ASTM D6304* | <0.05 | 0.00 | --- | --- |
| ppm d'eau | ppm | ASTM D6304* | <500 | 0.00 | --- | --- |
| Particules >4µ | | ASTM D7647 | >2500 | 1813 | --- | --- |
| Particules >6µ | | ASTM D7647 | >640 | 530 | --- | --- |
| Particules >14µ | | ASTM D7647 | >80 | 34 | --- | --- |
| Particules >21µ | | ASTM D7647 | >20 | 6 | --- | --- |
| Particules >38µ | | ASTM D7647 | >4 | 0 | --- | --- |
| Particules >71µ | | ASTM D7647 | >3 | 0 | --- | --- |
| Propreté de l'huile | | ISO 4406 (c) | >18/16/13 | 18/16/12 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | <0.1 | 0 | --- | --- |
| Magnésium | ppm | ASTM D5185(m) | <0.1 | 0 | --- | --- |
| Phosphore | ppm | ASTM D5185(m) | <0.1 | <1 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | <0.1 | 0 | --- | --- |

ÉTAT DU CARBURANT

All laboratory tests indicate that this sample meets specifications for No.1 ultra-low-sulfur diesel fuel (US EPA/CGSB-3.517-3 type A).

| | | | | | | |
|-------------------------------|------|----------------|-------|--------------|-----|-----|
| Densité | | ASTM D1298* | 0.825 | 0.810 | --- | --- |
| Couleur du carburant | text | Visual Screen* | Clear | Red | --- | --- |
| Visc 40°C | cSt | ASTM D7279(m) | 1.8 | 1.6 | --- | --- |
| Point d'éclair Pensky-Martens | °C | ASTM D7215* | 38 | 56.4 | --- | --- |
| Soufre | ppm | ASTM D5185(m) | 10 | 14 | --- | --- |
| Point d'ébullition initial | °C | ASTM D2887* | 159 | 165 | --- | --- |
| Point de distillation de 10% | °C | ASTM D2887* | 184 | 185 | --- | --- |
| Point de distillation de 20% | °C | ASTM D2887* | 196 | 194 | --- | --- |
| Point de distillation de 30% | °C | ASTM D2887* | 205 | 202 | --- | --- |
| Point de distillation de 40% | °C | ASTM D2887* | 216 | 211 | --- | --- |
| Point de distillation de 50% | °C | ASTM D2887* | 227 | 220 | --- | --- |
| Point de distillation de 60% | °C | ASTM D2887* | 238 | 231 | --- | --- |
| Point de distillation de 70% | °C | ASTM D2887* | 251 | 242 | --- | --- |
| Point de distillation de 80% | °C | ASTM D2887* | 264 | 260 | --- | --- |
| Point de distillation de 90% | °C | ASTM D2887* | 288 | 290 | --- | --- |
| Point d'ébullition final | °C | ASTM D2887* | 309 | 357 | --- | --- |
| Densité API | | ASTM D1298* | 40.1 | 43 | --- | --- |
| Indice de cétane | | ASTM D437* | <40.0 | 49 | --- | --- |

