

**Emma****Ullage Report****DMA 890 Reddyed****Koole Tankstorage Mineral BV, Rotterdam, Vondelingenplaat****After Loading****Saybolt**
A CORE LABORATORIES COMPANY

| | | | | | |
|--------------|----------------|-------------------|------|-----------------|------------------|
| Conversion | 2009 MPMS 11.5 | Draft Fore | 4.70 | Survey | 20-09-2020 19:30 |
| Table 54 | B | Draft Aft | 4.50 | Water paste | |
| Density 15°C | 0.8607 | Correction Trim | 0.20 | Gauge equipment | Manual tape |
| | | Correction List | | Connector type | open hatch |
| | | Tables valid From | | Equipment nr | 10968 |
| | | | | Table number | |

| Tank | Innage [mm] | Innage corr. [mm] | T.O.V. [liter] | Free Water [mm] | [liter] | Temp [°C] | V.C.F. | G.S.V. [liter] |
|---------------|------------------|------------------------|---------------------|----------------------|-----------|----------------|---------|---------------------|
| P2 | 4 750 | | 313 922 | | | 22.6 | 0.99378 | 311 969 |
| P6 | 5 508 | | 363 302 | | | 22.7 | 0.99369 | 361 010 |
| S2 | 4 708 | | 311 465 | | | 22.3 | 0.99402 | 309 602 |
| S6 | 5 510 | | 364 376 | | | 22.6 | 0.99378 | 362 110 |
| OBQ | 1 | | -265 682 | | | 28.3 | 0.98909 | -262 783 |
| Totals | | | 1 087 383 | | | 21.15 | | 1 081 908 |

| Totals | | | GSV | TCV |
|----------------|-----------|------------|------------|------------|
| TOV liters | 1 087 383 | Ltrs 15°C | 1 081 908 | 1 081 908 |
| FW liters | | Barrels | 6 808.06 | 6 808.06 |
| GOV liters | 1 087 383 | US Gallons | 285 939 | 285 939 |
| GSV ltrs15°C | 1 081 908 | MT Vac | 931.198 | |
| OBQ GSV | 0 | MT Air | 930.040 | |
| GSV Loaded | 1 081 908 | LT | 915.35 | |
| MT Vac | 931.198 | | | |
| Density 15°C | 0.8607 | | | |
| Average temp°C | 21.15 | | | |

Signed by Barge
Name: O. Noordzij
Rank: Barge Master

Issued by: Lauri Klap
Date of issue: 20 sep 2020

Our reference number: 12004/00126180. Measurements in accordance with API standards.

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This report reflects the findings at the time of the inspection and has been created with care and professional judgement.