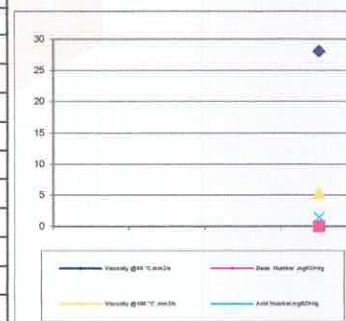
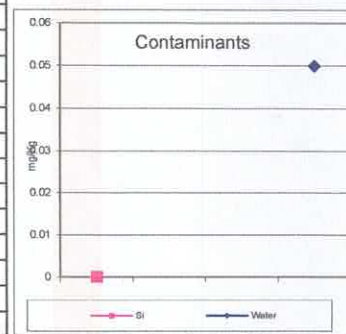
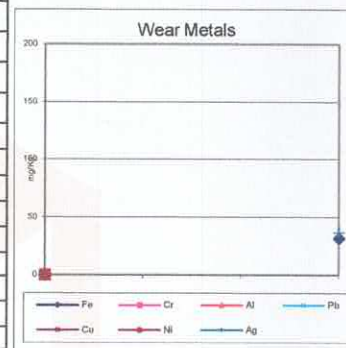




### INSERVICE OIL MONITORING PROGRAM

|   |                              |                |               |               |   |
|---|------------------------------|----------------|---------------|---------------|---|
| Company   | : M/s: GENERAL PETROLEUM FZE | Description    | :             | Gear Box Oil  | <br>URGENT<br><br>CAUTION<br><br>NORMAL |
| Address   | : SHARJAH, U.A.E.            | Position Drown | :             | NP            |   |
| Vessel Name   | : NP                         | Lubricant Make | :             | NP            |   |
| IMO No  | : NP                         | Engine Model   | :             | NP            |   |
| E Mail  | : NP                         | Oil in use     | :             | NP            |   |
| Attn.   | : NP                         | Oil Grade      | :             | NP            | <br>URGENT<br><br>CAUTION<br><br>NORMAL |
| Contract No   | : NP                         | Serial No      | :             | NP            |   |
|   |                              | Batch No       | :             | NP            |   |
| Report No.  |                              |                |               | SPL-L-251700  |   |
| Date Sampled  |                              |                |               | 17/02/2026    |   |
| Date Received   |                              |                |               | 17/02/2026    |   |
| Date Reported   |                              |                |               | 18/02/2026    |   |
| Hours on Unit   |                              |                |               | NA            |   |
| Hours on Oil  |                              |                |               | NA            |   |
| Oil Added   |                              |                |               | NA            |   |
| <b>Test &amp; Units</b>   | <b>Test Method</b>           | <b>Result</b>  | <b>Result</b> | <b>Result</b> | <b>Result</b>                           |
| <b>Physical Properties</b>  |                              |                |               |               |   |
| Viscosity @40 °C,mm <sup>2</sup> /s   | ASTMD 445/17                 |                |               |               | 28.07                                   |
| Viscosity @100 °C ,mm <sup>2</sup> /s   | ASTMD 445/17                 |                |               |               | 5.34                                    |
| Viscosity Index   | ASTM D 2270                  |                |               |               | 126.07                                  |
| <b>Chemical Properties</b>  |                              |                |               |               |   |
| Base Number ,mgKOH/g  | ASTM D2896/15                |                |               |               | -                                       |
| Acid Number,mgKOH/g   | ASTM D974/14e2               |                |               |               | 1.49                                    |
| Flash Point ,°C   | ASTM D92/16b                 |                |               |               | 200                                     |
| <b>Contaminants</b>   |                              |                |               |               |   |
| Water, % Vol  | ASTM D95/13e1                |                |               |               | 0.05                                    |
| Insol. Pentane % m  | ASTM D893/14                 |                |               |               | <0.05                                   |
| Silicon (Si) ,mg/kg   | ASTM D5185/13e1              |                |               |               | 27                                      |
| Sodium (N), mg/kg   | ASTM D5185/13e1              |                |               |               | <1                                      |
| Antimony (Sb) , mg/kg   | ASTM D5185/13e1              |                |               |               | <1                                      |
| Nickel (Ni), mg/kg  | ASTM D5185/13e1              |                |               |               | <1                                      |
| Vanadium (V), mg/kg   | ASTM D5185/13e1              |                |               |               | <1                                      |
| Barium (Ba), mg/kg  | ASTM D5185/13e1              |                |               |               | <1                                      |
| <b>Wear Metals,mg/kg</b>  |                              |                |               |               |   |
| Iron ,Fe  | ASTM D5185/13e1              |                |               |               | 32                                      |
| Tin, Sn   | ASTM D5185/13e1              |                |               |               | <1                                      |
| Chromium,Cr   | ASTM D5185/13e1              |                |               |               | <1                                      |
| Lead ,Pb  | ASTM D5185/13e1              |                |               |               | <1                                      |
| Copper,Cu   | ASTM D5185/13e1              |                |               |               | 37                                      |
| Aluminium,Al  | ASTM D5185/13e1              |                |               |               | 24                                      |
| <b>Additives &amp; Lubricant Condition, mg/kg</b>                                       |                              |                |               |               |   |
| Magnesium, Mg   | ASTM D5185/13e1              |                |               |               | 2                                       |
| Calcium, Ca   | ASTM D5185/13e1              |                |               |               | 128                                     |
| Zinc, Zn  | ASTM D5185/13e1              |                |               |               | 2                                       |
| Phosphorous, P  | ASTM D5185/13e1              |                |               |               | 252                                     |
| Boron, B  | ASTM D5185/13e1              |                |               |               | 168                                     |
| Molybdenum, Mo  | ASTM D5185/13e1              |                |               |               | <1                                      |
| Potassium, K  | ASTM D5185/13e1              |                |               |               | <1                                      |
| Lithium, Li   | ASTM D5185/13e1              |                |               |               | <1                                      |
| Silver, Ag  | ASTM D5185/13e1              |                |               |               | <1                                      |
| Titanium, Ti  | ASTM D5185/13e1              |                |               |               | <1                                      |
| Sampling method   | :NA                          |                |               |               |   |
| Test Method Deviation   | :None                        |                |               |               |   |
| The above test results are only applicable to the sample(s) referred above              |                              |                |               |               |   |
| N/P - Data not provided   |                              |                |               |               |   |
| REMARKS: No abnormalities are detected. Wear and contaminants are within normal limits. |                              |                |               |               |   |



Reported by:

#### LABORATORY MANAGER

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**CERTIFICATE OF QUALITY**  
**GAS OIL**

REPORT NO: - SPL-LAB-251739-26

|  |                          |                            |                             |
|--|--------------------------|----------------------------|-----------------------------|
| Client: - SEA LAND FUEL SUPPLY SERVICES, DUBAI, UAE      |                          |                            | REPORT NO: SLF-EKF-25175720 |
| Sample Description : Gas Oil   Moonlight                 |                          |                            |                             |
| Sample Delivered By : Sea Land Fuel                      |                          | Sample Drawn By : N/A      |                             |
| Condition of Sample Received: 1 x 300 ml Plastic bottle. |                          |                            |                             |
| Date Received : 17-02-2026                               | Date Tested : 17-02-2026 | Date Reported : 21-02-2026 |                             |

**TEST RESULTS**

| Test                                       | Method            | Unit    | ISO 8217: 2024     | Result |
|--|-------------------|---------|--------------------|--------|
| Appearance                                 | Visual            | -       | Clear              | Clear  |
| Color                                      | ASTM D 1500-R2017 | -       | -                  | 1.5    |
| Sulphur Content                            | ASTM D 4294-21    | % mass  | -                  | 0.2399 |
| Flash Point                                | ASTM D 93a-20     | °C      | Min 60             | 53*    |
| Density @ 15 °C                            | ASTM D 4052-18a   | Kg/L    | Max 0.8900         | 0.8271 |
| Kinematic Viscosity 40 °C                  | ASTM D 445-21e1   | cSt     | Min 2.0<br>Max 6.0 | 2.57   |
| Water Content                              | ASTM D 95-13R18   | % vol   | Max 0.02           | <0.02  |
| Micro Carbon Residue at 10% Residue        | ASTM D 4530       | % wt    | Max 0.30           | 2.84 * |
| Corrosion, Copper strip (3 Hrs, at 100 °C) | ASTM D 130        | -       | Max 1              | 1a     |
| Cetane Index                               | ASTM D 4737-21    | -       | Min 40             | 52.51  |
| Ash Content                                | ASTD D 482-19     | % mass  | Max 0.01           | 0.21*  |
| Total Acid Number                          | ASTM D 974-14E2   | MgKOH/g | Max 0.50           | 0.061  |
| Pour point                                 | ASTM D 97-17b     | °C      | Max -6             | -27    |
| Cloud Point                                | ASTM D 2500-17    | °C      | Report             | -6     |
| IBP  | ASTM D 86-20b     | °C      | -                  | 167    |
| 10 % Recovery                              | ASTM D 86-20b     | °C      | -                  | 195    |
| 20 % Recovery                              | ASTM D 86-20b     | °C      | -                  | 212    |
| 30 % Recovery                              | ASTM D 86-20b     | °C      | -                  | 226    |
| 40 % Recovery                              | ASTM D 86-20b     | °C      | -                  | 243    |
| 50 % Recovery                              | ASTM D 86-20b     | °C      | -                  | 258    |
| 60 % Recovery                              | ASTM D 86-20b     | °C      | -                  | 275    |
| 70 % Recovery                              | ASTM D 86-20b     | °C      | -                  | 294    |
| 80 % Recovery                              | ASTM D 86-20b     | °C      | -                  | 315    |
| 85 % Recovery                              | ASTM D 86-20b     | °C      | -                  | 327    |
| 90 % Recovery                              | ASTM D 86-20b     | °C      | -                  | 347    |
| 95 % Recovery                              | ASTM D 86-20b     | °C      | Max 360            | 376*   |
| FBP  | ASTM D 86-20b     | °C      | -                  | 382    |
| Recovery                                   | ASTM D 86-20b     | %vol    | -                  | 99     |
| Residue                                    | ASTM D 86-20b     | %vol    | -                  | 0.5    |
| Loss                                       | ASTM D 86-20b     | %vol    | -                  | 0.5    |

**\*Remarks: The sample does not meet the ISO Specifications with respect to the above tests only**

Test method deviation None  
Test conducted by Emp. # 004  
Report prepared by Emp. # 002  
The above test results are only applicable to the sample(s) referred above  
Reported By:

**LABORATORY OPERATIONS**

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**CERTIFICATE OF QUALITY**  
**MIXED HYDROCARBON OIL**

REPORT NO: - SPL-LAB-252061-26

|  |                                |                            |
|--|--------------------------------|----------------------------|
| <b>Client: - ANGEL TRADING FZE, SHARJAH, U.A.E.</b>  |                                |                            |
| Sample Description: Mixed Hydrocarbon Oil   M.T ENKI   Arka Terminal   Tank No-4<br>Composite of TUMLB |                                |                            |
| Sample Delivered By : N/A  | Job No:- SPL/INSP/1486/02/2026 | Sample Drawn By : Spectrum |
| Condition of Sample Received: 5 x 1000 ml Plastic Bottle   |                                |                            |
| Date Received : 21-02-2026   | Date Tested : 21-02-2026       | Date Reported : 21-02-2026 |

**TEST RESULTS**

| Test            | Method          | Unit | Result |
|-----------------|-----------------|------|--------|
| Flash Point     | ASTM D 93a-20   | °C   | 22     |
| Density @ 15 °C | ASTM D 4052-18a | Kg/L | 0.8304 |
| IBP             | ASTM D 86-20b   | °C   | 98     |
| 10 % Recovery   | ASTM D 86-20b   | °C   | 230    |
| 20 % Recovery   | ASTM D 86-20b   | °C   | 253    |
| 30 % Recovery   | ASTM D 86-20b   | °C   | 266    |
| 40 % Recovery   | ASTM D 86-20b   | °C   | 278    |
| 50 % Recovery   | ASTM D 86-20b   | °C   | 288    |
| 60 % Recovery   | ASTM D 86-20b   | °C   | 300    |
| 70 % Recovery   | ASTM D 86-20b   | °C   | 313    |
| 80 % Recovery   | ASTM D 86-20b   | °C   | 327    |
| 85 % Recovery   | ASTM D 86-20b   | °C   | 334    |
| 90 % Recovery   | ASTM D 86-20b   | °C   | 343    |
| 95 % Recovery   | ASTM D 86-20b   | °C   | 355    |
| FBP             | ASTM D 86-20b   | °C   | 369    |
| Recovery        | ASTM D 86-20b   | %vol | 99     |
| Residue         | ASTM D 86-20b   | %vol | 0.5    |
| Loss            | ASTM D 86-20b   | %vol | 0.5    |

Test method deviation : None

Test conducted by Emp. # : 004

Report prepared by Emp. # : 006

The above test results are only applicable to the sample(s) referred above

Reported By

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