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|  | **Institute of Mathematics, Physics and Chemistry**  **Department of Chemistry** | | | | | |
| **Third and Fourth Year Full-Time Students**  **Faculty of Mechanical engineering, Fifth and Seventh semester**  **Specialisation: Marine Power Plant Operation** | | | | | |
| **Cover sheet** | | | | | | |
| **Laboratory Exercise title:** | |  | | | | |
| Date of performance: | | | **\_\_.\_\_.20\_\_** | Date of submission: | | **\_\_.\_\_.20\_\_** |
| Submitted to: | | |  | | Mark: |  |
| Student’s Name: | | |  | | Group | L0\_\_ |

**General guidelines for the preparation of laboratory report**

**regarding chemistry of fuels and lubricants**

The report is submitted individually by each student. The first page of the report is the properly filled out cover sheet with the given title of the exercise, etc. The rest of the report should include:

1. In the theoretical part, briefly describe the basic concepts, definitions, keywords related to the exercise and the operational meaning of the parameter under study (on a maximum of one page).
2. In the experimental part, present the chemical reactions (if any in the given exercise), the required formulas and calculations. The obtained test results should be compared with a catalog values for the tested oil and grease. Student should assess the operational suitability of the tested parameter (lubricating oil or grease) and if necessary propose operational remedial/corrective action.
3. Two additional tasks: calculation (task 1) plus question (task 2) selected from the list titled ”Tasks and questions to be completed by the student”.
4. List the reference materials used for the laboratory report preparation.