

ABSTRACT

Bintang Prastyo Waskito, 2018, NIT : 50134991.T, "*Identifikasi masuknya bahan bakar ke sistem lubricating oil pump diesel generator no.2 di Mv.Energy Midas*", skripsi Program Studi Teknika, Program Diploma IV, Politeknik Ilmu Pelayaran Semarang, Pembimbing I: Nasri,M.T dan Pembimbing II: Purwantono, S.Psi.

A ship's machining, especially a diesel engine, requires an orderly and precise system. So that the arrangement of the lubricant system can be seen from the quality and quantity of lubricants used. To avoid the expansion of the problem and the discussion, then in preparing this thesis the author only discusses the influence of the entry of fuel into the lubrication system in the Rocker arm Auxilary Generator.

The research method used is the method of Strength, Opportunity, Weakness, Threat (SWOT), which is one method to pursue the factors that cause damage by determining factor weight, support, and urgency comparison, which is further detailed in the summary table of values for reference create an organizational map matrix. Data collection techniques are done through observation, documentation and literature study directly on subjects related to rocker arm pumps.

The results obtained from rocker arm pump damage research is due to lack of maintenance and supervision of the pump operation, so that signs of damage are not realized and resulted in fatal damage. To overcome the above problems in order to perform at the pump can take place normally it needs to be done a more serious improvement and supervision of Second Engineer and Kkm by increasing the awareness, for the continuity and maintenance of pumps in the future, so that signs of damage that may be detected early.

Keyword : generator,rocker arm pump