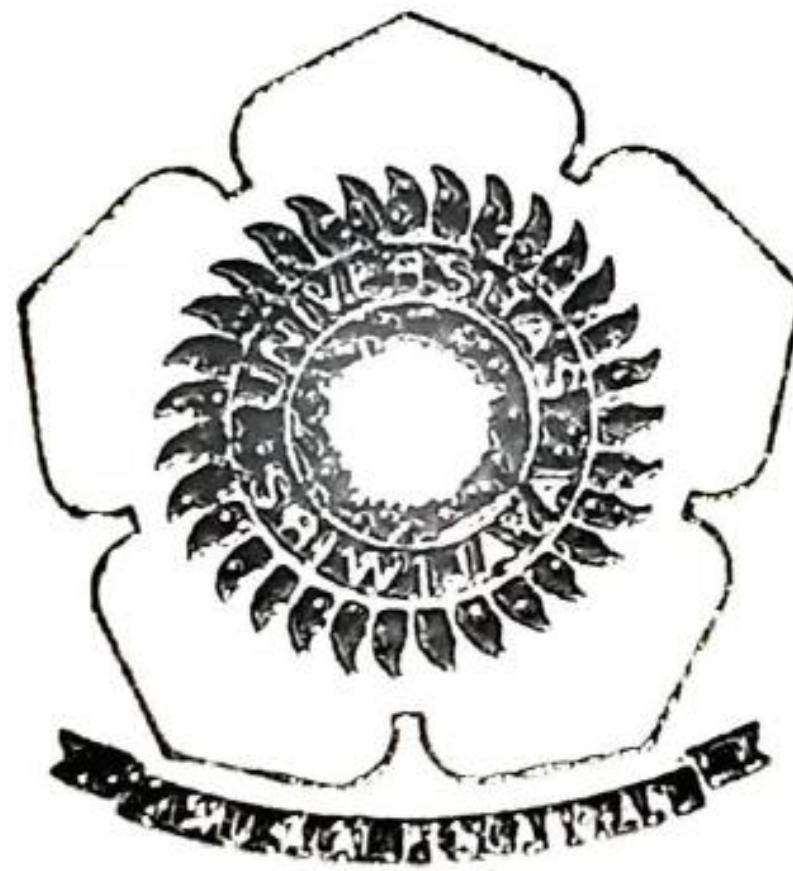


**PENGARUH TEMPERATUR HIDROCRACKING, LAJU ALIR H<sub>2</sub> DAN  
BERAT KATALIS Ni-S/Mo-S/ZAA TERHADAP BERAT JENIS DAN  
VISKOSITAS PRODUK HIDROCRACKING**

**Skripsi**

**Sebagai Salah Satu Syarat Untuk Memperoleh Gelar  
Sarjana Sains Bidang Studi Kimia**



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JANUARI 2007**

**LEMBAR PENGESAHAN**

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**INFLUENCE OF HYDROCRACKING TEMPERATURE, H<sub>2</sub> VELOCITY  
AND CATALYST MASS Ni-S/Mo-S/ZAA TOWARD DENSITY AND  
VISCOSITY OF HYDROCRACKING PRODUCT**

**By:**

**Masmualim  
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**ABSTRACT**

Research of hydrocracking of coal tar by using Ni/Mo sulfidated active zeolite catalyst had been done. The objectives of this research were to know the the influence of catalyst temperature, hydrogen velocity and catalyst mass toward density and viscosity of hydrocracking product. The result showed that optimum condition was obtained at the lowest value of density and viscosity that were at 350<sup>0</sup>C of catalyst temperature, 2 mL/second of hydrogen velocity and 0.5 gram of catalyst mass with density and viscosity value 0.7691 g/mL and 0.5257 x 10<sup>6</sup> stokes.