

## AN EVALUATION OF THE EFFECT OF INHIBITED ANTIFREEZE ON CAVITATION – EROSION IN DIESEL COOLING SYSTEMS: PART 2

Earlier research detailed a test method that was developed to investigate the effect of coolant composition on cavitation-erosion rates. Initial findings indicated the reduction in erosion rate afforded by a commercial antifreeze to be due to both the presence of the ethane-diol base, and the chemical inhibitor package.

A further programme of work, detailed in this report, has shown that the ethane-diol concentration might be decreased without significantly increasing the rate of metal loss, providing the inhibitor concentrations are maintained at their original level.