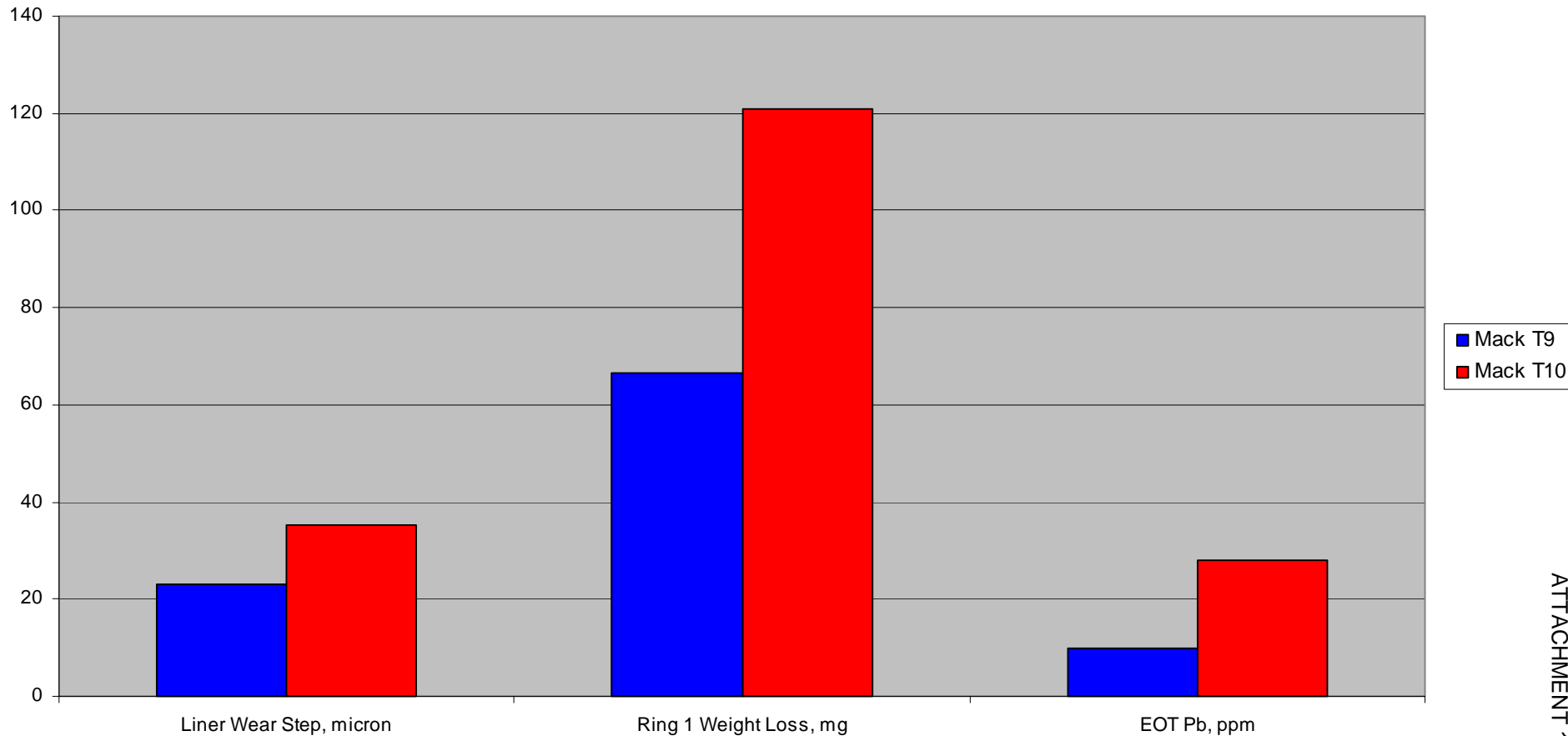


CI-4 Backward Compatibility

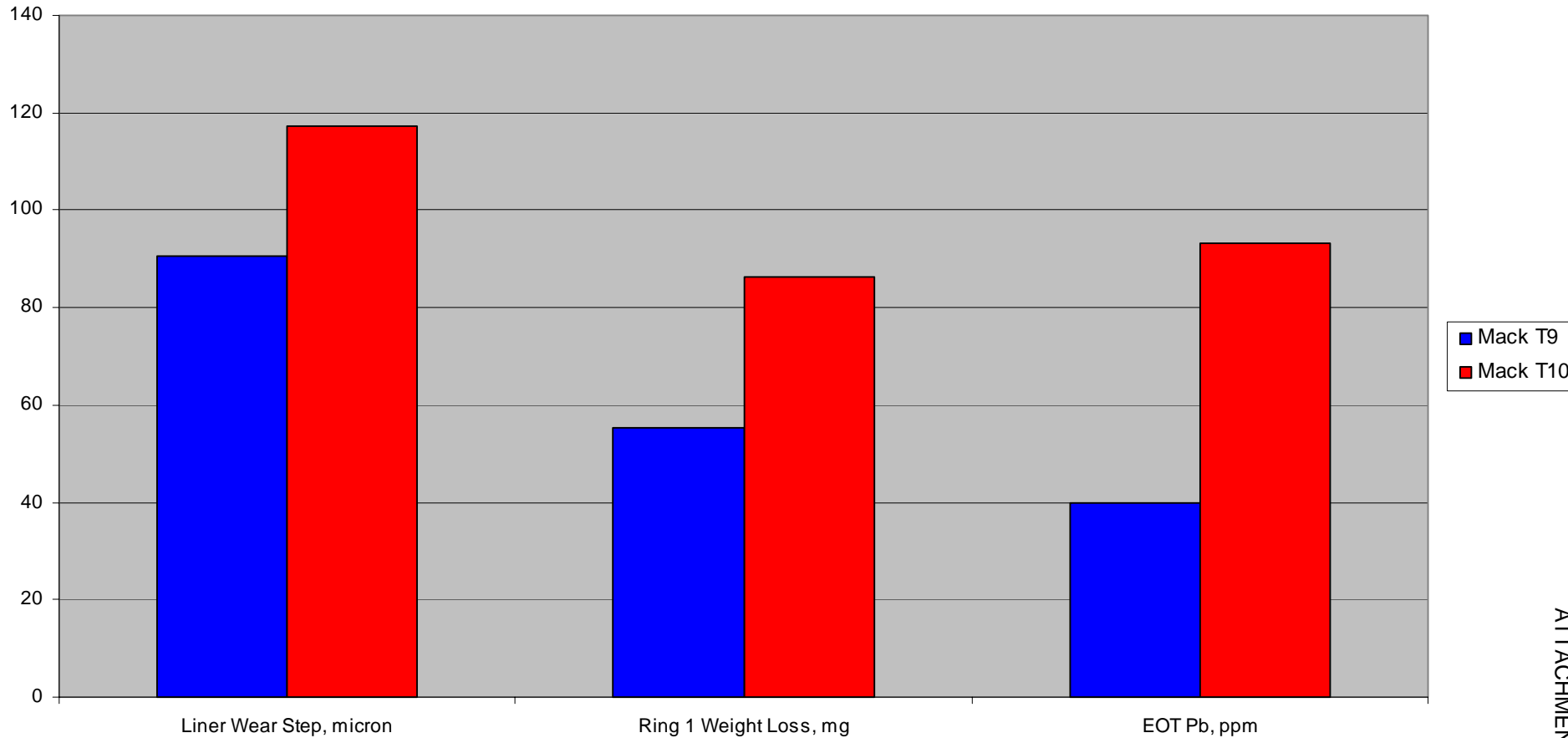
EGR Backward Compatibility

Mack T9 / T10 Comparison



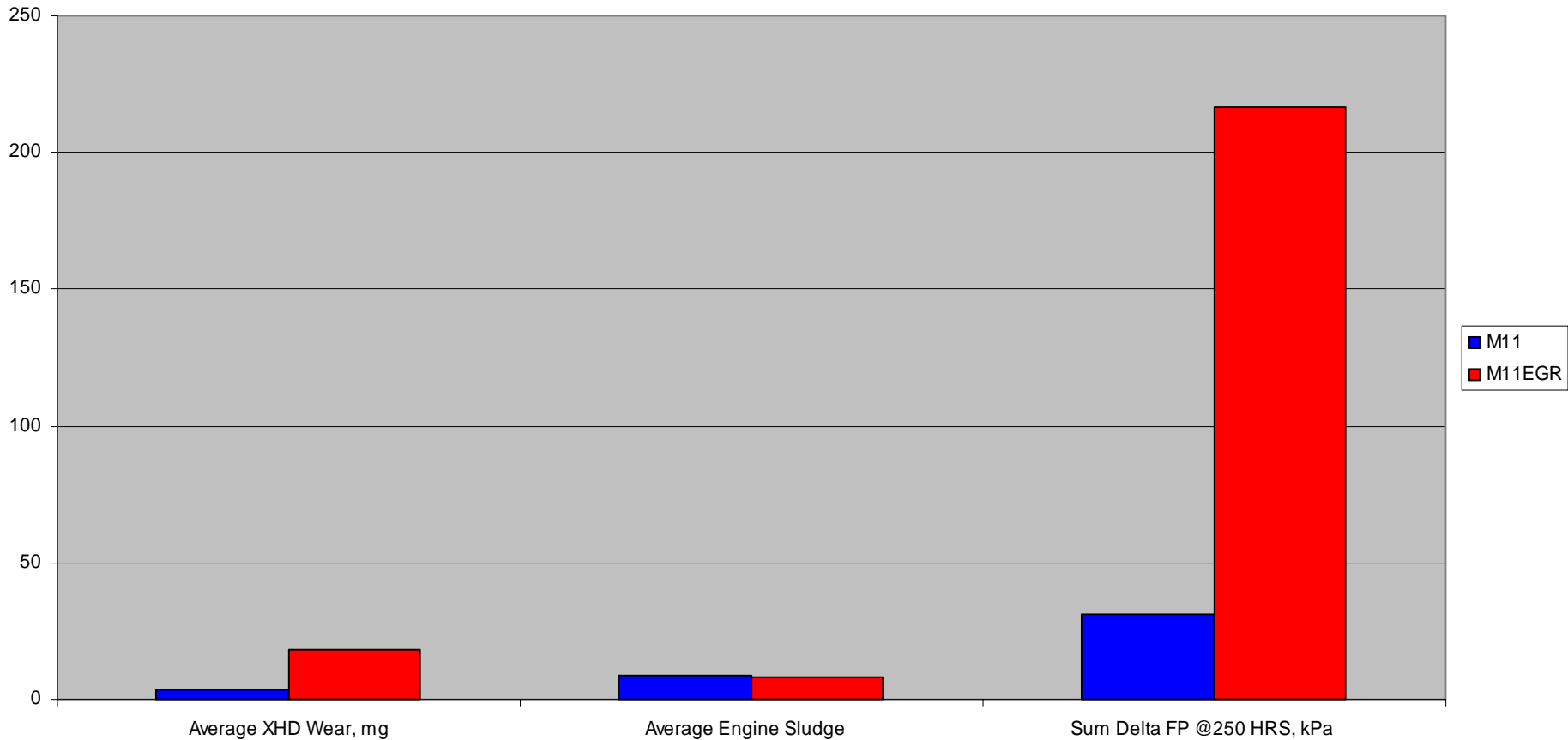
EGR Backward Compatibility

Mack T9 / T10 Results as Percentage of Limits



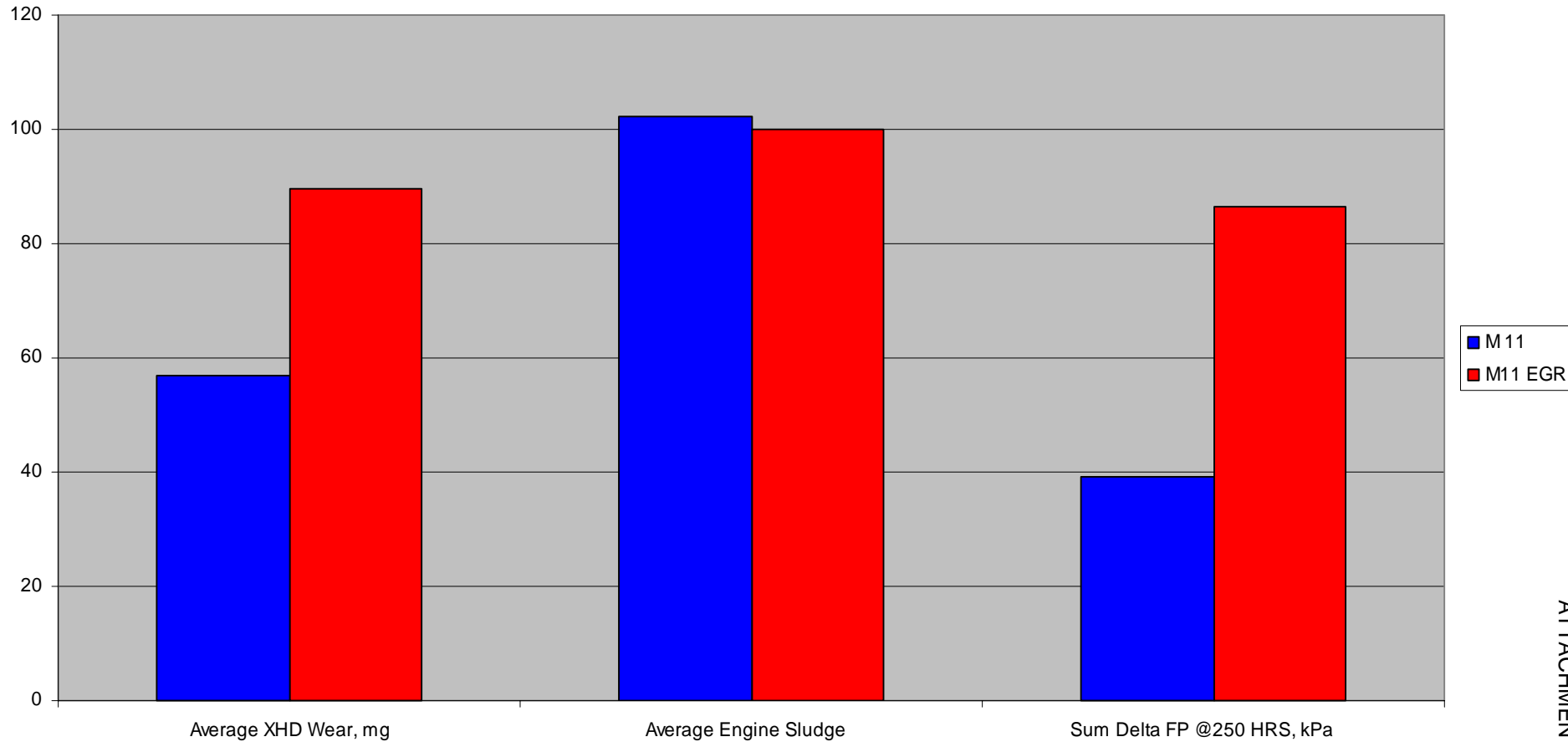
EGR Backward Compatibility

Cummins M11 / M11EGR Comparison



EGR Backward Compatibility

Cummins M11 / M11EGR Results as Percentage of Limits



EGR Backward Compatibility

- Performance observed in the new EGR tests is more severe than their non-EGR predecessors
- Lubrizol offers the motion that:-
 - “The tests and limits as approved by ASTM B used to qualify oils for API CI-4 may be used to qualify oils for API CH-4”