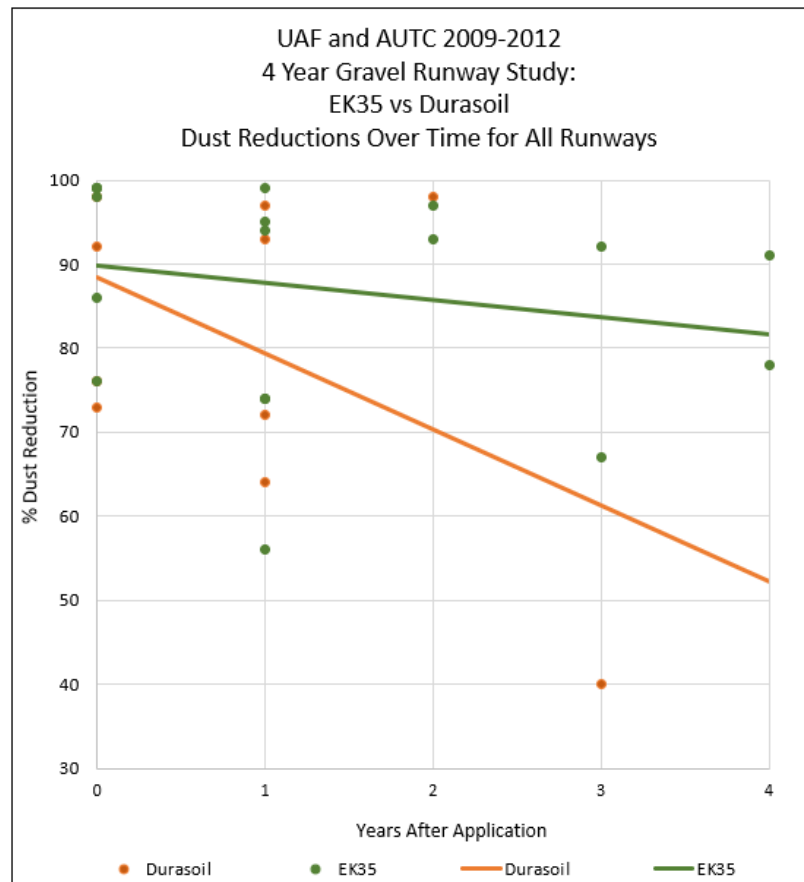


Superior Longevity

Overview: The University of Alaska Fairbanks (UAF) and the Alaska University Transportation Center (AUTC) performed field testing at 21 different Alaskan runways between 2009 and 2012 to evaluate the performance of 3 dust palliatives. UAF and AUTC used a Dust-M real-time dust monitor mounted on the rear of an ATV to perform dust emissions testing on the runways. Data obtained from treated runways was compared to data collected prior to treating the runways to determine the percent dust reduction over time. Testing was conducted annually over the course of 4 years in an effort to quantify the performance and longevity of each product.

Test Results:



Conclusion: EK35 has superior performance and longevity compared to Durasoil® (binderless dust palliative). The trendlines indicate that EK35 remains effective at reducing dust emissions even after 4 years of aircraft traffic without re-application. Although the initial dust reductions are similar, the binderless dust palliative’s performance quickly declines and becomes ineffective (less than 80% dust reduction) after 1 year of aircraft traffic.