ACN 109 200 900

AUSTRALIAN SECURITIES EXCHANGE ANNOUNCEMENT

28 June 2016

EDENCRETE™ - US UPDATE

Significant Improvements in the Abrasion Resistance of Concrete Achieved with Modest Dosages of EdenCrete™

HIGHLIGHTS

- **Significant improvements in abrasion resistance in concrete after 56 days curing, achieved using EdenCrete™ in modest quantities.**
- **46% reduction (improvement) in the depth of wear using 1.9 litres (0.5 US gallon) of EdenCrete™ per cubic yard of concrete and**
- **55% reduction (improvement) in the depth of wear using 3.8 litres (1 US gallon) of EdenCrete™ per cubic yard of concrete.**
- **Approximately 3.5% and 7% respectively only would have been added, at present prices, to the installed cost of concrete had these lower dosage rates been used in the I-20 Interstate Highway field trial of EdenCrete™ in 2015 with GDOT in Augusta, Georgia.**
- **These new results make an even more compelling economic case for the future widespread use of EdenCrete™ for high abrasion applications such as highways, bridge decks, warehouse floors, hard-stand areas and other surfaces that are subject to high abrasive wear.**

DETAILS

Eden Energy Limited ("Eden") (**ASX: EDE**) is very pleased to announce that following on from its initial results that were previously announced (**ASX:EDE 14 June 2016**), it has received the 56 days abrasion resistance results from its ongoing trials that are testing the levels of improvement that can be achieved across a range of performance characteristics using different EdenCrete™ dosage rates from as low as 0.125 US gallons (0.5 litre) and up to 4 gallons (15.15 litres) of EdenCrete™ per cubic yard (0.765 cubic metres) of concrete.

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The abrasion resistance results, after 56 days curing, and testing in accordance with ASTM C779 Procedure C, showed the following improvements:

- **½ gallon (1.9 litres)/ cubic yard – a 46% reduction (improvement) in depth of wear, and**
- **1 gallon (3.8 litres) / cubic yard – a 55% reduction (improvement) in depth of wear,**

as detailed in **Figures 1 and 2** below.

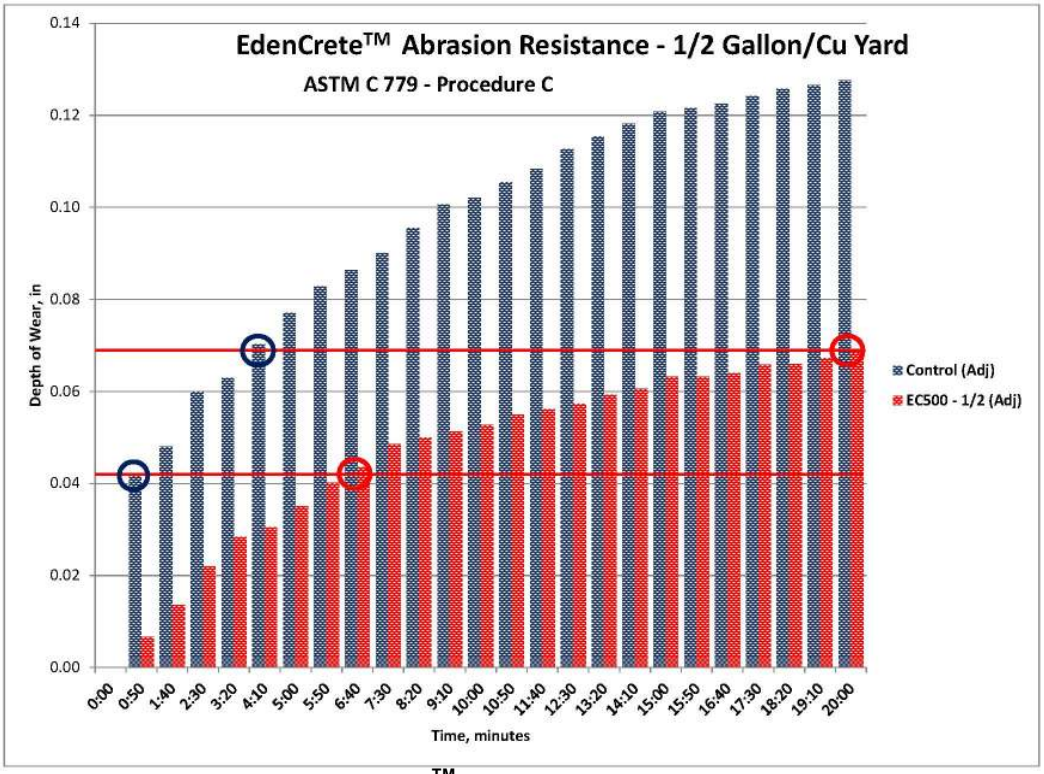


Figure 1. EdenCrete™ – ½ Gallon/ Cu. Yard of Concrete

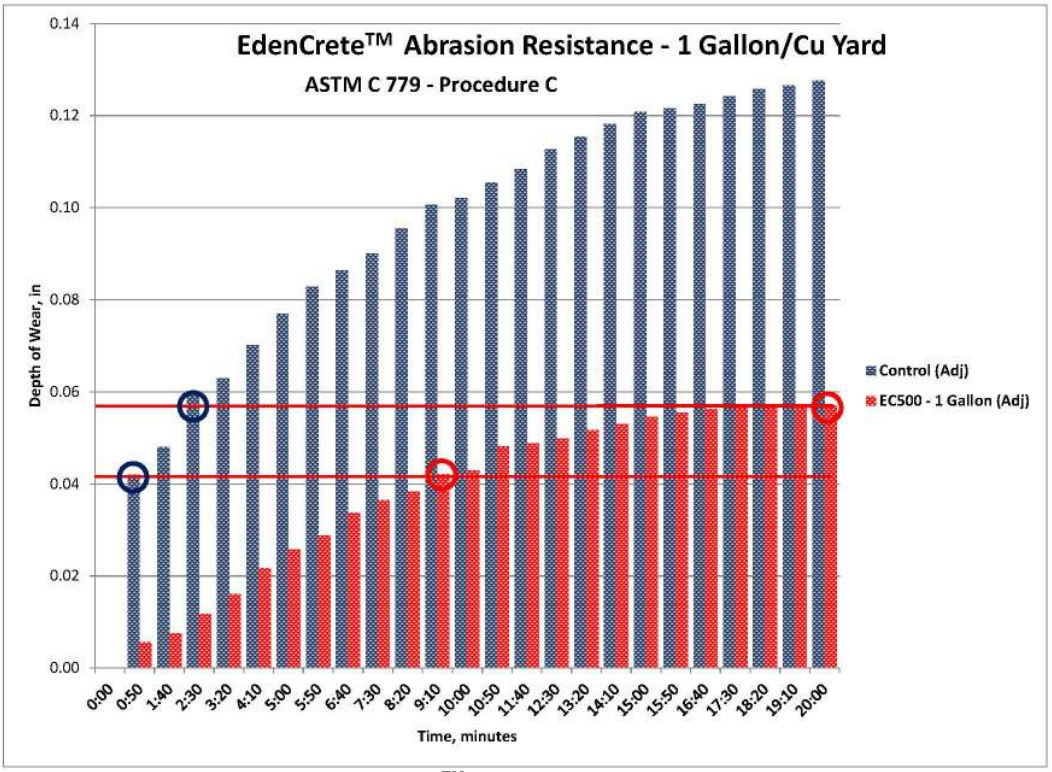


Figure 2. EdenCrete™ – 1 Gallon/ Cu. Yard of Concrete

Based on the approximate installed cost per cubic yard of concrete that GDOT advised was incurred during the successful **I-20 Interstate Highway field trial of EdenCrete™** in Augusta, Georgia in August 2015, the dosage rate of EdenCrete™ of 4 gallons/cu. yard of concrete, which when tested at 56 days, **achieved a 56% reduction (improvement**) in the depth of abrasive wear, **at present prices, would have added US$100/ cu. yard or approx. 28% to the installed cost/ cubic yard** (excluding any contractor's margin).

If these new lower dosages had been used in the I-20 field trial in lieu of the dosage rate of 4 gallons /cubic yard of concrete that was used, the following is an extrapolation of the possible comparative costs and benefits to GDOT (based on the same basis of costing) that may perhaps have been able to have been achieved:

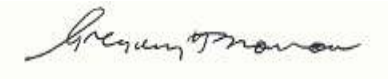
- **½ gallon (1.9 litres)/ cubic yard of concrete**
  - a 46% reduction (improvement) in the depth of abrasive wear at 56 days
  - cost US$12.50/ cu. yard or approx. 3.5% of the installed cost/ cubic yard (excluding any contractor's margin), and
- **1 gallon (3.8 litres) / cubic yard of concrete**
  - a 55% reduction (improvement) in the depth of abrasive wear at 56 days
  - cost US$25/ cu. yard or approx. 7% of the installed cost/ cubic yard (excluding any contractor's margin).

Conclusion

These new results make an even more compelling economic case for the future widespread use of EdenCrete™ to achieve significantly longer lasting concrete for highly abrasive applications such as for highways, bridge decks, warehouse floors, hard-stand areas and other surfaces that are subject to high abrasive wear.

BACKGROUND

EdenCrete™ is Eden's 100% owned, proprietary carbon-strengthened concrete additive, one of the primary target markets for which is improving the performance of concrete used in the construction and maintenance of concrete roads, bridges and other infrastructure. Additionally, it has potential for use in a range of other applications including high-rise building construction, marine and coastal applications, water storage and pipelines, and pre-fabricated concrete structures and products.



Gregory H. Solomon
Executive Chairman