

**ENSURING THE OVERALL SUPPLY OF UREA IN NORTH AMERICA
AND THE RELIABILITY OF THE UREA-DOSING UNITS FOR
SELECTIVE CATALYTIC REDUCTION SYSTEMS**

Glenn Barton

Hilite International

Barry Lonsdale

Terra International

ABSTRACT

Urea is the proven ingredient in the post-combustion treatment of diesel engine exhaust gas for NO_x reduction. This paper will discuss the status of urea-dosing units and developments in sensors to insure urea is available and being delivered in the appropriate dose to the post-treatment region and verify that the post-combustion treatment process is effective.

The paper will also address the urea supply infrastructure in North America and how it will insure the proper urea is available for all diesel engine treatment systems, stationary and on-road nationwide.