

ENIDINE By Design

Wire Rope Application

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OEM uses Enidine Products on Agricultural Sprayers

By Jeff Morrisette

Product Overview

A leading manufacturer of Agricultural Spraying Equipment was using Enidine Air Springs and Enidine Shock Absorbers to attain the smoothest possible ride for driver's comfort and most accurate dispensing of the chemicals.

The application initially incorporated two air springs mounted under the front of the cab and two OEM shock absorbers mounted on the back of the cab. The sprayers travel on backcountry roads and over rough terrain throughout the workday. Most of the time these bumpy farm fields caused unpredictable vibration that required isolation. Searching for a solution requiring lower maintenance and less system monitoring, Enidine proposed replacing both the air springs and the shock absorbers with Enidine Wire Rope Isolators.

While the Wire Rope units would run slightly more than the current components, the overall costs would be less, due to the elimination of air valves, air regulators and the ancillary air controls. In addition, the manufacturer would also eliminate the possibility of incorrect adjustment of the air springs and shock absorbers, which could result in improper machine height as it relates to chemical spray dispensing. Enidine Application Engineers worked with the Enidine distributor to properly size the units. (2) WR20 series wire rope isolator units were chosen based on the application parameters provided by the manufacturer.

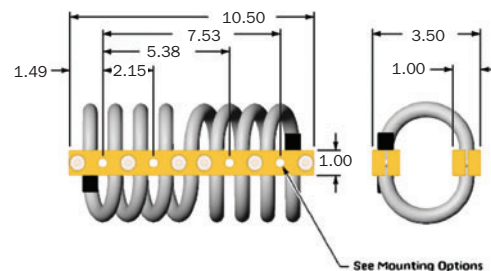
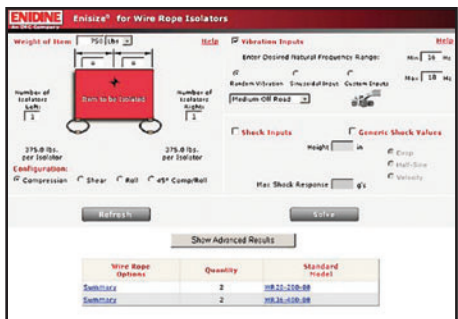


Product Solution

The standard wire rope isolator components, provide the manufacturer with the vibration isolation they require and also offers an extended life in the harsh chemical environment.

Application Opportunity

The Wire Rope Isolator products allow Enidine to continue to provide the customer with the most current technological improvements. The manufacturer will continue to utilize Enidine products for future application opportunities.



World Headquarters
Enidine Incorporated
 7 Centre Drive
 Orchard Park, New York 14127 • USA
 Tel: +1 716 662-1900
 Fax: +1 716 667-1385
 Hotline: 1 800 852-8508
 techsales@enidine.com
 www.enidine.com

European Headquarters
Enidine GmbH
 Rheinauenstr, 5
 79415 Bad Bellingen
 Rheinweiler • Germany
 Tel: +49 7635 8101-0
 Fax: +49 7635 8101 99
 info@enidine.de
 www.enidine.de

European Subsidiary
Enidine UK
 Unit 7, Whitwick Business Park
 Stenson Road, Coalville
 Leicestershire
 LE67 4JP • United Kingdom
 Tel: +44 1530 276 508
 Fax: +44 1530 276 509
 asawyer@enidine.co.uk
 www.enidine.co.uk

Japan Subsidiary
Enidine Co. Ltd.
 398, Chigasaki-Cho, Tsuzuki-Ku
 Yokohama-Shi, Kanagawa
 224-0031 • Japan
 Tel: +81 45 947 1671
 Fax: +81 45 945 3967
 support@enidine.co.jp
 www.enidine.co.jp



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