

OEM Uses ITT Enidine Inc. Products on Agricultural Sprayers Enidine Wire Rope Application

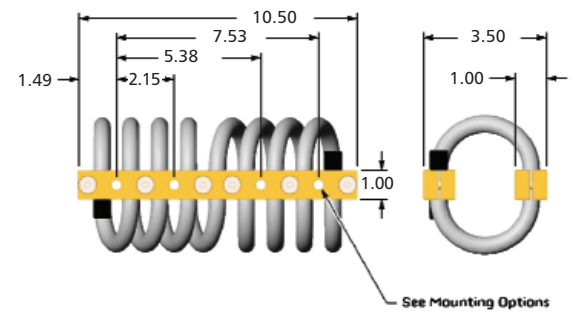
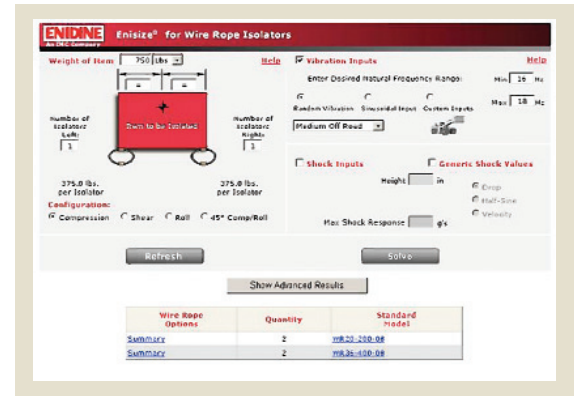
By: Jeff Morrisette

Product Overview

A leading manufacturer of Agricultural Spraying Equipment was using ITT Enidine Inc. Air Springs and ITT Enidine Inc. 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, ITT Enidine Inc. proposed replacing both the air springs and the shock absorbers with ITT Enidine Inc. 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. ITT Enidine Inc. Application Engineers worked with the ITT Enidine Inc. 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 ITT Enidine Inc. to continue to provide the customer with the most current technological improvements. The manufacturer will continue to utilize ITT Enidine Inc. products for future application opportunities.