SnubRite Dipper Snubbers

Summary
SnubRite is a mechanically driven rotary dipper door control system that is active when the dipper door is in both the door closing and opening motions. The hydraulic oil in the SnubRite provides a constant resistive force against the dipper door as it closes and opens. Additionally, SnubRite features a cast arm for added strength and reliability.

Dual-Action SnubRite provides effective door closing resistance. The addition of snubbing resistance during door opening is intended to reduce the likelihood of “door to truck” impact during the initial pass of material into the truck.

Key features and benefits
• New linkage and drum assembly
  - SnubRite can be mounted on either side of the dipper
• Internal manifold
  - All valves are now located internally – eliminating the external manifold, and damage it had sustained from flying debris
• Maintenance
  - Less frequent product adjustments are required with SnubRite than with alternative snubbing systems

Installation requirements
Estimate only: Estimated eight hours of labor and a crane to complete upgrade in the field.

Operating costs
SnubRites are typically rebuilt every two years. In some cases, customers may choose to rebuild these units at the same frequency as dipper rebuilds. SnubRites qualify as part of the Encore, components exchange program.

Standard equipment on new models:
This upgrade is standard on P&H 4100 class and 2800XPC shovels.

Retrofits
SnubRite can be retrofitted to all P&H shovel dippers as well as non-P&H dippers.