



BEASLEY GROUP SAWMILL SWITCHES TO ISOCLEAN® CERTIFIED LUBRICANTS AND ELIMINATES HYDRAULIC PUMP FAILURES

Since implementing ISOCLEAN, Beasley hasn't lost a single hydraulic pump due to contamination.



COMPANY BACKGROUND

From humble beginnings as a two-person logging operation in 1968, the Beasley Group grew to become a global leader in the forest products industry. Today, they operate the largest hardwood sawmill in the United States and are North America's foremost producer of crane mats and timbers for the energy transmission, utility and construction industries.



"Best practices have been implemented to create the cleanest environment in a sawmill setting."

– Phil Clements,
Mill Manager,
Beasley Forest Products Sawmills

OPERATIONAL CHALLENGE

This Beasley sawmill had been using a generic branded AW ISO 68 hydraulic lubricant and experienced hydraulic unit pump failures and servo valve issues, resulting in costly downtime and decreased production.

INVESTIGATION AND FINDINGS

Chevron Lubrication Marketer, Boswell Oil Company, began discussions with the leaders of the Beasley sawmill to identify the source of their hydraulic issues. By testing the cleanliness of the hydraulic oil they had been using for years, Boswell Oil Company confirmed the required ISO cleanliness code was not being met for the servo-valve hydraulic pumps. This elevated level of contamination appeared to be the leading cause of reduced component life and most importantly, downtime and loss of production.

SOLUTION

In conjunction with Beasley Forest Products, Boswell Oil Company implemented the Chevron ISOCLEAN® Certified Lubricants program. This enabled Beasley to start with hydraulic oil that met the cleanliness specs for servo-valve hydraulic systems. Boswell Oil Company provided Chevron Hydraulic Oil AW 68 – ISOCLEAN to an ISO cleanliness level of 16/14/12 on every delivery. Boswell further assisted Beasley by enhancing cleanliness practices throughout their facility, from delivery to tank filling, including ISOCLEAN storage totes that are covered upon delivery to protect contents from outside elements.

RESULTS – REDUCED DOWNTIME AND ENHANCED PERFORMANCE

Since implementing the ISOCLEAN Certified Lubricants Program, Beasley Forest Products hasn't lost a single hydraulic pump due to contamination. Uptime has increased by a minimum of 10% and production rates are up by more than 15%. With the addition of a regular oil analysis program, they are able to monitor the condition of the lubricant in their Hydraulic Power Units and continue to increase production while decreasing equipment downtime.

CONTACT US

Learn more about what the right lubricant can do for your operation at: www.chevronlubricants.com
Chevron Customer Sales Department: 1-866-354-4476 | LUBE-TEK: 1-800-582-3835