

# BIRCHCLIFF ENERGY SIMPLIFIES OPERATIONS IN FREEZING ENVIRONMENT WITH DRYTEC® – THE LUBRICANT FREE THREAD COATING CONQUERING CANADA

voestalpine Tubulars DryTec® is the dope-free alternative for Premium Connections, increasing efficiency and safety at the customers' premises and helping to protect the environment at the same time.

In early 2022, Birchcliff Energy installed two strings, with lengths of 16,194 and 14,548 feet, of voestalpine Tubulars' production casing with the VAsuperior®-DryTec® technology.

Project key data	
Operator	Birchcliff Energy Ltd.
Location	Pouce Coupe/ Alberta
Type of the Well	Shale gas, batch drilling
String Length	16,194 ft (4.94 km) and 14,548 ft (4.43 km)
Material used	4 ½" x 15.20 ppf VA-XP-T95-1 VAsuperior®-DryTec®

Throughout the long-term relationship between voestalpine Tubulars and Birchcliff Energy, both companies have dedicated themselves to pioneering game-changing technologies to make processes more efficient, provide a safe work environment and operate in a sustainable manner.

One of the results of a customized product development at voestalpine Tubulars is the lubricant free thread coating DryTec® for Premium connections. The catalyst for the development was the operators' need to save time prior to and during casing installations, to eliminate work steps and environmental contamination risks that stem from removing storage compound, as well as applying running compound on site. To forego thread compound is a step towards a cleaner environment, eases the recycling of thread protectors, and eliminates the risk of misapplication of thread compound, particularly in extremely cold surroundings.





In the winter months in Alberta and British Columbia, removing the storage compound is a time-consuming operation. The removal of protectors with heat is common, as is the use of a hybrid of water and steam to clean frozen thread compound from the threads, followed by applying running compound at the rig floor. Combatting these challenges, DryTec® proves to be a powerful solution to save time and costs for the mentioned tasks while mitigating health and operational risks by avoiding doping operations at the rig site.

## PRODUCT CHARACTERISTICS AND BENEFITS FOR BIRCHCLIFF'S OPERATION:

- » **Lubricant free**
  - > Eliminates risk of human error
  - > Improves efficiency in freezing temperatures
  - > Saves preparation time and costs
- » **Safe and environmentally friendly**
  - > Supports health & safety of the crew
  - > Keeps the rig floor clean
  - > Eliminates the risk of well contamination

Birchcliff Energy successfully installed two strings of 4 ½" x 15.20 ppf VA-XP-T95-1 VA Superior®-DryTec® and was very satisfied with the outcome.

Birchcliff Energy is reviewing DryTec® as a standard product for its Canadian operations. The main interest of the oil and gas company is to eliminate failure potential caused by too much or insufficient lubricant application, which could cause serious damage to the threads. This advantage guarantees multiple make-up options, 100% well integrity and no contamination of the wellbore from surplus thread compound.

### What does the customer and the installation crew think about this product of voestalpine Tubulars?

"We are considering use of DryTec as a standard product in the future to eliminate the risks associated with improper doping."

**Senior Completion Engineer/Birchcliff**

"I didn't believe that such a product really works!"  
**Tong Hand/Casing Crew**



**voestalpine Tubulars GmbH & Co KG**  
 Alpinestrasse 17  
 8652 Kindberg-Aumuehl, Austria  
 T. +43/50304/23-0  
 F. +43/50304/63-532  
 sales@vatubulars.com  
 www.voestalpine.com/tubulars

To find your regional/closest contact, please use the contact finder in the [myTubulars App](#) or on the web page [www.voestalpine.com/tubulars](http://www.voestalpine.com/tubulars)

**voestalpine**

ONE STEP AHEAD.