



## Pipeline Displacements Tool Propellant



With our vast distribution network and reliable gas supply, Linde Services Inc. can support your next multi-leg displacement over hundreds of miles of pipeline, while providing flow rates up to 2.0 million standard cubic feet per hour.

Our nitrogen-assisted displacement provides a safe, fast and inexpensive means of displacing product from a pipeline for repair, maintenance, product changeover or for product recovery when a pipeline is decommissioned – leaving a dry and inert atmosphere.

Whether the line contains refined products, natural gas liquids, crude oil, liquid petroleum gas, ethylene or other hydrocarbons, our detailed analysis of the line profile and project conditions allows for the most efficient displacement.

**Specifications** Linde brings over fifty years of experience to your displacement needs and can help you with planning and final execution on your next project.

Our customers have appreciated the detailed engineering modeling from the computer based engineering program we offer. With this program, our engineering group can input your milepost and elevation data to accurately predict the time and resource requirement to clear your pipeline of product.

Our sales group can review the tabular and graphic results with you before hand to optimize your job, while our operations group can safely monitor ongoing activity during the job, solving problems or preventing them before they occur.

From the moment we first arrive at the job site, safety is our number one concern. Our equipment, employees, and procedures are subjected to rigorous, ongoing safety reviews and we are equipped to match the type of nitrogen equipment to each application for optimum economy and performance.

Linde can deliver nitrogen to you based on any combination of the following conditions:

- Flow rates to 860,000 scfh (single unit)
- Pressures to 10,000 psi
- Temperatures from -320° to 600°F
- Volumes: unlimited



- Over 50 years of experience executing pipeline displacement projects
- Linde equipment mobility provides nitrogen where you need it.
- Vast distribution network for continuous supply of high-purity nitrogen.
- One-step displacement, drying, and inerting process.
- Detailed engineering estimate ensures target parameters are achieved.

**Applications** Dry, inert nitrogen is a versatile industrial tool, and Linde’s variety of mobile nitrogen pumping services and equipment puts nitrogen to work in a wide range of applications including pipeline displacements for a multitude of gas and fluid product lines.

For more information, call [1-844-44LINDE](tel:1-844-44LINDE) or visit [www.lindeus.com/industrialservices](http://www.lindeus.com/industrialservices).