

A photograph of a refinery at night, illuminated by warm lights. The sky is a deep blue. In the upper left, there is a large, semi-transparent graphic of a chemical structure consisting of several interconnected hexagons. The refinery itself features numerous tall distillation columns, pipes, and scaffolding, all lit up. A prominent stack on the right has a bright orange flame at its top.

# Refinery Chemicals

Innovative chemicals for downstream operations

**Lubrizol**

Lubrizol is a leading manufacturer and supplier of advanced chemical technologies that aid in the processing and production of high quality fuels.

## Expect Deliverability

Lubrizol's broad range of products are commonly used by refineries and refinery service companies to improve refining processes and attain specific fuel requirements. Our gasoline, diesel and biofuel additives also provide fuel blenders and marketers with competitive differentiation. In addition to our leading additive chemistries that offer outstanding functionality at lower industry treat rates, our formulation expertise and supporting services provide value that separate us from other additive companies and deliver results to your operations. Expect nothing less from a partner in Lubrizol.

## Products

For refinery processing, Lubrizol is the name you trust for consistent reliability and unsurpassed performance.

Our products include:

- » Antifoulants
- » Settling Aids
- » Pour Point Depressants
- » Corrosion Inhibitors

Product	Chemical Type	Key Function	Usage
<b>Antifoamers</b>			
Lubrizol 2600	Succinimide Dispersant	Workhorse ashless dispersant for antifoulant formulations effective in multiple applications	3
Lubrizol 6414	76% Lubrizol® 2600 in Mineral Oil	Ashless dispersant for antifoulant formulations, diluted in Mineral Oil for ease of handling and ready to use	1
Lubrizol 2600E	Succinimide Dispersant	Concentrated, ashless dispersant for antifoulant formulations with higher molecular weight, lower viscosity, and lower % chloride compared to 2600	3
Lubrizol 2632B	Succinimide Dispersant	Ashless dispersant that controls fouling on heat exchange surfaces; has higher Total Base Number compared to 2600	2
Lubrizol 2675A	Succinimide Dispersant	Ashless dispersant for antifoulant formulations; is effective in metal surface; for use by refinery service companies only	3
Lubrizol 3702	Copolymer Ester	Viscosity modifier and dispersant used to formulate refinery antifoulants	3
Lubrizol 5938C	Polyolefin alkeneamine Dispersant	Asphaltene dispersant used to formulate refinery antifoulants; has lower Total Base Number compared to 2600	3
Lubrizol 5948	Polyolefin ester Dispersant	Asphaltene dispersant used to formulate refinery antifoulants; can function as an emulsion stabilizer; has no Nitrogen	3
Anedco AF-9814	Complex Amide/Amine/Phenolic Mixture	A multifunctional dispersant (Lubrizol 2600), antioxidant, and metal deactivator antifoulant	1
Lubrizol 2603C	Overbased Calcium Sulfonate Detergent	Detergent used for neutralization in acidic crudes; good high temperature stability; High Calcium, high Total Base Number	3
Lubrizol 2603N	Calcium Sulfonate Detergent	Detergent used as a cleaner; good high temperature stability; Low Calcium, low Total Base Number	3
Lubrizol 2604	Overbased Magnesium Sulfonate Detergent	Used as a multifunctional combustion modifier for residual fuel oils; High Magnesium, High Total Base Number	2
<b>Settling Aid</b>			
PD 816	Ester copolymer	Cloud and pour point depressant for middle distillate fuels	1
<b>Pour Point Depressants</b>			
Flozol 720	Ester copolymer	Cloud and pour point depressant for middle distillate fuels	1
FloZol 2252H	Alkyl Phenol	Flow control agent for paraffinic crude oils; Pour point depressant, flow improver, paraffin control	1
<b>Corrosion Inhibitor</b>			
Lubrizol 541	Substituted Carboxylic Acid	Corrosion inhibitor used to mitigate corrosive attack on overhead condensers, heat exchangers, and processing equipment	1

Usage Key: 1. Ready to use      2. May require dilution or formulation before use      3. Dilution or formulation recommended before use



## Move forward with confidence.

Every time a challenge is solved the world moves forward. And wherever mobility or industrial challenges are being solved you'll find Lubrizol. Our deep chemistry and application expertise, leading testing capabilities, early innovation pipeline, market-driven insights, and commitment to continuous improvement and sustainability are all formulated to help you succeed today and tomorrow.

The Lubrizol Corporation  
[www.lubrizol.com](http://www.lubrizol.com)

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