



CALUMET BASE OILS

Calumet offers an extensive product line of naphthenic and paraffinic base oils that meet your unique needs.



CALUMET[™]
SPECIALTY PRODUCTS PARTNERS, L.P.

Consistent Refinement. Unsurpassed Performance.

- Building relationships and lasting trust are at the core of what we do. Our sales, customer service and technical teams are here to partner with you every step of the way.
- Our extensive product line of naphthenic and paraffinic base stocks are engineered to meet your rigorous requirements and applications needs.
- The quality-control practices that Calumet implements regarding crude oil selection and subsequent refining processes ensure consistent uniformity and product performance.
- Calumet produces naphthenic and paraffinic base oils by using a multistage hydrotreating process operating at pressures above 2,500 psi. This process offers the unique ability to produce base stocks that meet currently established performance standards.

SAMPLING OF INDUSTRIES SERVED

- | | | |
|-----------------------------|------------------------|---------------------------------|
| ■ Adhesives | ■ Gear Oils | ■ Paints & Coatings |
| ■ Agricultural Oils | ■ Greases | ■ Refrigeration Oils |
| ■ Automotive | ■ Heat Transfer Fluids | ■ Rubber |
| ■ Aviation Hydraulic Fluids | ■ Hydraulic Fluids | ■ Tires |
| ■ Compressor Oils | ■ Insulating Oils | ■ Transformer Oils |
| ■ Cutting Oils | ■ Metalworking Fluids | ... <i>And many more</i> |

As a leading producer of specialty products, Calumet is here to collaborate with you to find the most suitable and effective products for your business.





NAPHTHENIC OILS

HYDROCAL™ NAPHTHENIC BASE OILS

The HYDROCAL refining process selectively saturates large cyclical aromatic subgroups, which result in the production of very high-quality, stable base stocks.

- HYDROCAL 38
- HYDROCAL 45
- HYDROCAL 60
- HYDROCAL 100
- HYDROCAL 500
- HYDROCAL 750
- HYDROCAL 1200
- HYDROCAL 2400

CALSOL™ PROCESS OILS

CALSOL specialty process oils are refined from a select blend of crude oil using a state-of-the-art, multistage hydrogenation process.

- CALSOL 5 Series – Non-Staining
- CALSOL 8 Series – High VGC

CALIGHT™ RPO RUBBER PROCESS OIL

CALUMET RO REFRIGERATION OILS

CALUMET RO mineral oils are specifically designed for air conditioning and refrigeration compressors.

- RO15 (ISO 32)
- RO30 (ISO 68)

CALTRAN® ELECTRIC INSULATING OILS

Meeting following standards:

- ASTM D3487 (Type I and II)
- Canadian C50
- IEC 60296:2020 (Ed. 5)

CALPRO™ HYBRID PROCESS OILS

CALPRO custom-blended paraffinic/naphthenic oils are designed to deliver specific chemical and physical properties to meet customer requirements. Available in multiple viscosities.

RAVEN™ BLACK OILS

INKOL® PRINTING INK OILS

INKOL oils have low aromatics and optimal boiling ranges.

- N-40
- NS-60
- NS-100
- NS-750

CALICE™ REFRIGERATION OILS

- CALICE 68
- CALICE 100

Calumet produces specialty oils that are readily suitable for use in a wide range of industries. Please consult a product support specialist for details on the products that interest you and their suitability of your particular products' compliance.

PARAFFINIC OILS

CALPAR™

PARAFFINIC BASE OILS

Calumet offers both API Group I and Group II.

- CALPAR 60
- CALPAR 75
- CALPAR 100
- CALPAR 325
- CALPAR 600
- CALPAR 2500



AGRICULTURAL SPRAY OIL

ORCHEX is a proven and safe weapon in combating a broad range of insects, diseases, and weeds that impact crop production and profitability. Both ORCHEX products are OMRI listed.

- ORCHEX 692
- ORCHEX 796
- Dormant Spray Oil 100

CALSOL™

PROCESS OILS

- CALSOL P9 Series - Low Volatility

DFO

DEFOAMER OILS

CALVIS™

VISCOSITY IMPROVER

CALTAC™

TACKIFIER

HELPING OUR PRODUCTS MAKE YOUR PRODUCTS

Calumet standards define high-quality specialty products. Our commitment to R&D ensures you have a network of leading R&D and technical expertise integrated into the development and support of every Calumet product we produce.

Our state-of-the-art research facilities and world-renowned staff are focused on customer-driven, problem-solving, and innovative solutions dedicated to your success.



CALUMET
SPECIALTY PRODUCTS PARTNERS, L.P.

CORPORATE HEADQUARTERS

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CUSTOMER SUPPORT

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PRODUCT SUPPORT

technical@clmt.com

SALES INQUIRIES

sales@clmt.com



Customer-Focused Solutions

Specialized Expertise

With more than 100 years of experience producing high-quality base oils, we've honed the craft of consistent, quality production.

Cost-Effective Supplier

Our centrally located base oil refineries and blending/distribution terminals offer convenient rail and truck access.

Forward Thinking

Ongoing investments support new product development, operational excellence and ISO 9001 quality-related initiatives.

Formulation Flexibility

With nearly 600 unique base oil products, our product portfolio offers a wide range of viscosity and solvency characteristics.

Proven Partner

Calumet base oils are used by top companies and well-known brands across the globe.

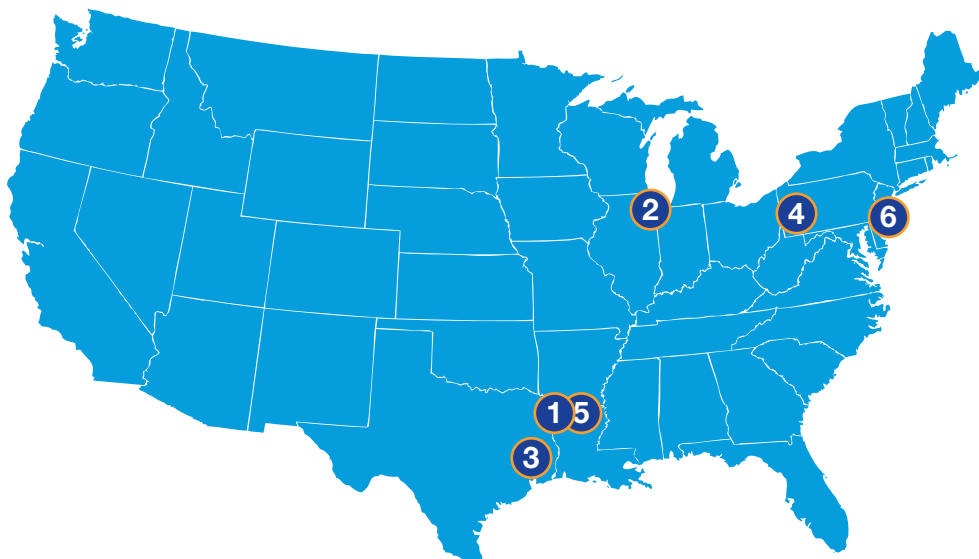
Research & Development

Our network of leading R&D and technical expertise is integrated into the development and support of every product we produce.

CALUMET BASE OIL NETWORK

Our broad nationwide network allows us to service you and your needs. Calumet has strategically located our facilities throughout the U.S. to ensure safety and security of supply year-round.

- 1 Shreveport, LA
- 2 Burnham, IL
- 3 Dickinson, TX
- 4 Karns City, PA
- 5 Princeton, LA
- 6 Bayonne, NJ



CALUMET SPECIALTY PRODUCTS & SOLUTIONS

Calumet manufactures, formulates, and markets a diversified slate of specialty branded products to customers in various consumer-facing and industrial markets. We are headquartered in Indianapolis, Indiana, with approximately 1,400 employees and 12 facilities across North America, including 10 specialty product manufacturing and production facilities. Below you'll find categories of products as well as highlighted markets matching our customers' various needs.



BASE OILS

We offer an extensive product line of naphthenic and paraffinic base oils that cover a wide range of viscosity and solvency characteristics.

END-USE MARKETS

- Adhesives
- Agricultural Oils
- Gear Oils
- Greases
- Metalworking Fluids
- Paints & Coatings
- Process Oils
- Transformer Oils



SPECIALTY OILS

We offer a unique line of petrolatums, white oils and gelled hydrocarbons used in various industrial and consumer applications.

END-USE MARKETS

- Cosmetics
- Personal Care
- Pharmaceuticals
- Food/Agriculture
- Household Products
- Industrial Products



SOLVENTS

We produce a full line of aliphatic solvents ranging from hexanes and heptanes to mineral spirits and mineral seal oils.

END-USE MARKETS

- Aluminum Rolling
- Printing Ink
- Paints & Coatings
- Consumer Goods
- Adhesives/Sealants
- Oil Field Friction Reducers
- Water Treatment
- Process Fluids



WAXES

We produce fully-refined paraffin waxes, paraffin/natural blends, intermediate waxes and microcrystalline waxes.

END-USE MARKETS

- Adhesives
- Building Materials
- Candles/Wax Melts
- Food
- Investment Casting
- Corrugated Coatings
- Flexible Packaging
- Paint & Coatings
- Personal Care
- Cosmetics
- PVC



FUELS & ASPHALTS

We offer a diverse line of fuel and asphalt products to complement our full suite of specialty products.

PRODUCT OFFERINGS

- Diesel
- Gasolines
- Jet Fuels
- Base Asphalts
- Roofing Asphalts
- Shingle Coating



ESTERS

We offer a comprehensive line of high-purity synthetic polyol esters for use in high-performance lubricant applications.

END-USE MARKETS

- Aviation Lubricants
- Industrial Lubricants
- Automotive Lubricants
- Refrigeration Lubricants

For more information regarding any of our products, please contact your sales representative.