

ExxonMobil Lubricants & Specialties
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Mobil Industrial Lubricants

Solutions and services for the plastics industry
Injecting productivity into plastics



ExxonMobil



More than advanced-technology lubricants — partnering with you to make productivity fly.

Extend machine life. Reduce unscheduled downtime.

Lower maintenance costs.

From packaging and construction to transportation, electronics, consumer products, and more, plastics play an indispensable role in today's world. And as a plastics components manufacturer, keeping your machinery running efficiently plays a pivotal role in your profitability. If there is an equipment breakdown, your production will slow down, impacting the operational effectiveness so critical to staying competitive.

We can help you every step of the way.

Not only do we offer a full suite of value-added lubricants — including industry-leading hydraulic oils — we also offer a comprehensive range of analytic support programs. The Mobil Industrial Lubricants line is designed to help keep every part of your machinery operating at the highest efficiency and is backed

by trained sales representatives and engineers, all to help lower your total cost of operation.

Engineered to deliver for the plastics industry.

Whether plastic components are made in large, uniform quantities or short runs of customized goods, the need for quality production, unit after unit, places exacting demands on you and your equipment. That's why we have developed lubricant technology tailored to your needs. Our exceptional product lineup for plastics manufacturing includes*

- **Mobil DTE 10 Excel Series** ultra keep-clean performance for hydraulic systems
- **Mobil DTE 20 Series** proven performance for hydraulic systems
- **Mobilith SHC Series** synthetic greases for demanding applications
- **Mobil Rarus SHC 1020 Series** synthetic oils for air compressors
- **Mobil SHC 600 Series** synthetic circulating and gear oils for critical applications
- **Mobilgear SHC XMP Series** high-performance synthetic oil for gears
- **Mobil Polyrex EM** premium grease for electric motor bearings
- **Mobil Metal Removal & EDM Fluids** for mold-making operations

You rely on your hydraulic systems, air compressors, conveyors, gearboxes, electric motors, cooling units, and mold-making equipment to perform day in, day out. Just as these machines are the lifeblood of your business, lubricants are the lifeblood of your machines — with the health of your business depending on lubricants that deliver long-lasting operational benefits. So while you can use lubricants that cost less up front, you may well end up paying in reduced productivity.



With Mobil Industrial Lubricants and technical assistance from trained sales representatives and engineers, you can help ensure your machinery works effectively, productivity keeps moving—and you stay more competitive.

Supported by unsurpassed industry expertise.

For over 100 years, we have been a leader in developing lubricants that are dependable, durable, and provide exceptional performance. Our global network of highly experienced equipment builder engineers work closely with customers and leading equipment builders for unique insights into their new technology and lubrication requirements. This gives our research scientists and lubricant formulators the ability to build leading-edge lubricants from the ground up — making them highly effective in the equipment they lubricate, meeting or exceeding their stringent demands.

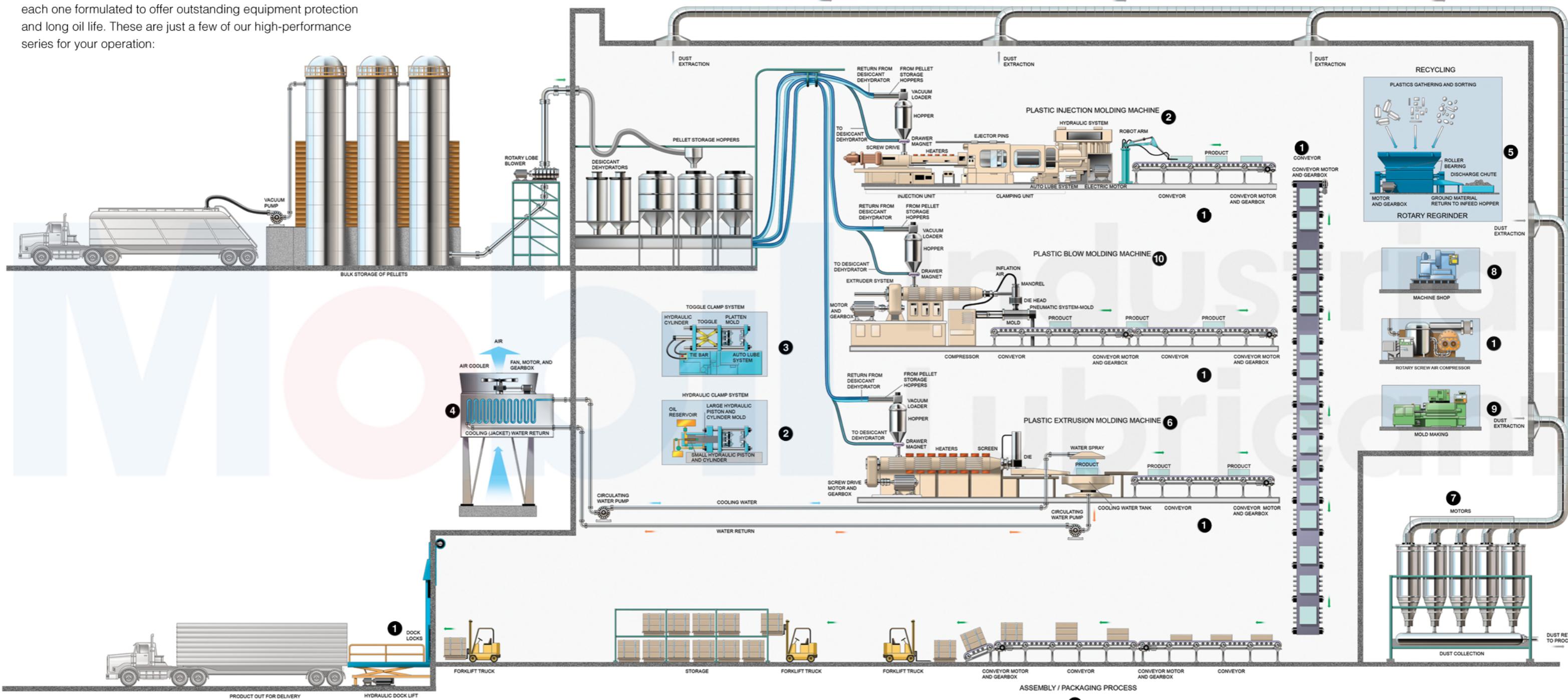
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*Since equipment and operating conditions vary, please refer to equipment builder manual for preferred lubrication recommendations.

How we keep your plastics plant running better — longer.

Proven performance is the foundation of Mobil-branded products, each one formulated to offer outstanding equipment protection and long oil life. These are just a few of our high-performance series for your operation:



1 Handling Equipment

- Air Compressors
Mobilith SHC,
Mobilgrease XHP 220
SHC 1020, Mobil SHC 600,
Mobil SHC FM 46
- Dock Lift – Mobil DTE 10
Excel, Mobil Aero HFA
- Conveyors (gear drive) –
Mobilgear SHC XMP,
Mobilgear 600 XP

2 Plastic Injection Machine

- Hydraulic System –
Mobil DTE 10 Excel, Mobil DTE 20
- Electric Motor – Mobil Polyrex EM
- Auto-Lube System (grease) –
Mobilith SHC, Mobilgrease XHP
220, Mobil Polyrex 462
- Conveyors (bearings) –
Mobilith SHC,
Mobilgrease XHP 220
- Gearbox – Mobil SHC 600

3 Toggle Machine (subset of PIM)

- Auto-Lube – Mobilith SHC,
Mobilgrease XHP 220
- Ejector Pins – Mobilith
SHC 1500

4 Cooling Tower

- Gearbox – Mobil SHC 600,
Mobilgear SHC XMP,
Mobilgear 600 XP
- Screw Drive – Mobil SHC
600, Mobilgear SHC XMP,
Mobilgear 600 XP

5 Regrinding

- Motor Drive – Mobil Polyrex EM

6 Extrusion Molding Machine

- Gearbox – Mobil SHC 600,
Mobilgear SHC XMP, Mobilgear
600 XP
- Motor Drive – Mobil Polyrex EM
- Bearings – Mobilith SHC,
Mobilgrease XHP 220
- Feed Roller Gears –
Mobil SHC 600

7 Dust Collectors

- Motor – Mobil Polyrex EM

8 Maintenance Area

- Machine Shop* –
Mobilmet 760, Mobilmet 400,
Mobilcut, Mobil Vactra Oil
Numbered, Vacmul

9 Mold Making

- EDM Machine* –
Mobil EDM, Mobilcut,
Mobilgrind, Mobilmet, Vacmul

10 Blow Molding Machine

- Compressor – Mobil Rarus
SHC 1020
- Motor – Mobil Polyrex EM
- Gearbox – Mobil SHC 600,
Mobilgear SHC XMP, Mobilgear
600 XP
- Air Line (oil) – Mobil Velocite,
Mobil DTE Named

Note: Schematic and product recommendations are intended as a guide only. Products are typically the product series names. Please refer to equipment builder manual for final lubrication recommendations or consult your Mobil Industrial Lubricants team for additional products.
NOT TO SCALE.

Backed by global builder approvals and proven field performance.

Thoroughly tested before they are commercialized, Mobil Industrial Lubricants are well supported by extensive builder approvals.

For example, the Mobil DTE 20 Series is well known and recognized in the industry for its keep-clean performance and durability, and has delivered significant savings for customers through extended oil life. And the new Mobil DTE 10 Excel Series provides ultra keep-clean performance, long life, and hydraulic efficiency benefits when compared to many other hydraulic fluids on the market.

Reliable support services mean you're never on your own.

We don't just sell products, we can work with you to ensure you have the proper support you need.

 **Mobil Technical Support** — Convenient assistance from our team of technical experts, available by phone or online, providing guidance and advice for your facility.

 **Trained Distributor Sales Representatives** — On-site guidance on lubricant selection to help enhance your plant's productivity.

 **Field Engineering Services (FES)** — Professional advice on sound lubrication practices, optimizing lubricant performance, and equipment troubleshooting; plus systems inspections and proactive monitoring to help you run your machines longer and more efficiently.

 **State-of-the-art Signum Oil Analysis program** — Monitors lubricant and equipment condition to help increase equipment life and reliability, and reduce maintenance costs. Specifically tailored for the plastics industry to gauge critical indicators in used oil, the program delivers the knowledge you need to better understand your company's lubricants and equipment.

So count on the products, programs, and experts behind Mobil Industrial Lubricants to help your machinery produce more, better, faster, with more uptime and greater efficiency. Discover how we can help you inject productivity into your plastics business — and help it soar.

For more information on all Mobil Industrial Lubricants and services, call your local company representative or the Mobil technical help line at 1-800-662-4525.

Also visit www.mobilindustrial.com.

