



What are the functions of a lubricant?

The major functions of any lubricant are to: clean, cool, seal against contaminants, reduce friction and wear, and protect against rust. Sometimes they act as a dielectric, transmit power, or dampen shock. Let's look at each one a little more in depth.

Clean-contamination can come from the outside environment (dirt, dust, moisture) and it can be internally generated in the form of metal particles. If there were no fluid to carry the contaminants away from the metal surfaces, these abrasive particles would damage bearings, gears, and pistons.

Cool-lubricants absorb heat and carry it away from moving parts to prevent wear, metal fatigue, and the welding together of the metal surfaces.

Seal-lubricants seal against contamination from foreign liquids and solids. For example, the grease in the wheel bearings of your car prevents contamination from water, mud puddles, and road dirt.

Reduce friction and wear-lubricants form a slippery film which reduces friction and wear and prevents metal to metal contact.

Protect against rust-the presence of a film of lubricant on bearings and gears protects them from rust by preventing contact with air and moisture.



Package Sizes: 330 gal totes, 55 gal drums, kegs, 5 gal pails, and cartons

In stock items ship in 1-2 days; no order minimums

Products We Carry:

- Hydraulic oils
- Gear Oils
- Compressor Fluids
- Cutting/Machining Oils
- Coolants (Soluble, Semi, Syn)
- Food Grade Oils and Greases
- Engine Oils
- Transmission Fluids
- Specialty Fluids & Greases
- Mineral Oils & Synthetics

This Month's Special



Grease

Most of our industrial greases are available in 50-cartridge cartons and 10-cartridge cartons. We have all kinds of general purpose and specialty greases for all kinds of industrial and food grade applications.

If you have any questions or need a product recommendation, please send us an email or call for details. If we don't have what you need, then we can find it for you.

We grow our business by growing yours. Give us a call today for help with all your lubrication needs.

We distribute products for: Total Lubricants, Shell, Chevron, and Gulf.



QUALITY OIL & GAS COMPANY

203 West Broad Avenue

Rockingham, N.C. 28379

PHONE: (800) 322-2997 FAX: (888) 511-7923

orders@qualityoilandgas.com