

# Mining

PROTECTION. PERFORMANCE. SCHAEFFER'S DEPENDABILITY.



## ENGINE OIL

**700 SynShield™ Durability Advantage 15W-40**  
 Stronger durability and wear protection for equipment working long hours in harsh conditions. Meets and exceeds API CK-4. Backward compatible.

**Supreme 7000™ Synthetic Plus Gasoline Engine Oil**  
 API SN, Resource Conserving, ILSAC GF-5

701 5W-30  
 703 10W-30

**Supreme 9000™ Full Synthetic Gasoline Engine Oil**  
 API SN, Resource Conserving, ILSAC GF-5

9003D 5W-30  
 9004 5W-20  
 9005 0W-20

**114S Synthetic Plus Natural Gas Engine Oil SAE 30 & 40**  
 Low ash, para-synthetic natural gas engine oil for stationary 2-cycle and 4-cycle stoichiometric and lean burning natural gas engines.

**114CNG Synthetic Plus CNG Engine Oil 15W-40**  
 Low ash, catalyst compatible, para-synthetic engine oil formulated for compressed natural gas (CNG), liquefied natural gas (LNG) or liquefied petroleum gas (LPG) powered vehicles.



## SPECIALTY PRODUCTS

**190 Penetro 90®**  
 Lubricates all types of moving parts that have become difficult to operate. Triples protection against corrosion.

**227 Moly Roller Chain Lube**  
 Penetrating oil with moly for medium or high-speed chains. Will not collect dust. O-ring safe.

**266 Citrol®**  
 Biodegradable, heavy-duty, citrus-based degreaser with astonishing cleaning power. Check technical data sheet for VOC requirements. Ask about our concentrated strength Citrol® products and our low VOC formula (266LV).

**Turbo Red® Cleaners**  
 Cleans like a harsh caustic without the environmental and safety issues. Removes grease deposits, dirt, oils, road soils and soot.

332 Highly concentrated, mixes with water.  
 333 Less concentrated, mixes with water.

**743 SchaefferSeal™ Tire Sealant**  
 Closes punctures and leaks with a permanent seal almost immediately. Prevents flats from punctures up to 3/16".



## MULTI-PURPOSE GREASE

**228 Super HV Red NLGI #2**  
 Aluminum complex. Extra tack, waterproof, red grease for use where a clean grease is needed. ISO 460 for extra protection on heavily loaded, slow moving bearings.

**229 Ultra Red Supreme NLGI #1 & #2**  
 Aluminum complex. Extra tack, waterproof, synthetic blend, red color grease for use where a clean grease is needed.

**238 Ultra Supreme NLGI #1, #2 & #3**  
 Aluminum complex. Extra tack, waterproof, heavy-duty grease that meets Caterpillar's 5% moly specification.

**274 Moly EP Synthetic Plus Grease NLGI #00, #0, #1 & #2**  
 Aluminum complex. Low tack, water proof grease with synthetic blend base oils that enable the use of one grease for summer and fall. Also available with extra moly (274M2) to meet Caterpillar's 5% moly grease specification.



## GEAR LUBES

**214S Supreme One For All 80W-140**  
 Para-synthetic, multi-grade lubricant for use under severe wide ambient temperature ranges.

**239S Super Lube Supreme SAE 50**  
 Para-synthetic, Cat TO-4 fluid for final drives in front end loaders and haul trucks and dozers, and Eaton® (Fuller) Roadranger and Meritor (Rockwell) transmissions not under extended warranty.

**239S020 Super Lube Supreme Arctic with DYNAVIS® 0W-20**  
 Full synthetic, multi-grade fluid for transmissions, torque convertors, final drives, hydraulics and wet brakes as well as machines with combined systems in Caterpillar and other OEM off-road equipment. Meets Caterpillar TO-4M. Viscosity index of >180.

**293A Supreme Gear Lube**  
 SAE 80W-90 and ISO 150 & 220  
 Non-tacky, para-synthetic, extreme pressure lubricant with soluble moly for use in enclosed industrial and automotive gear drives.

**294A Supreme Gear Lube**  
 SAE 140 and ISO 320, 460 & 680  
 Non-tacky, para-synthetic, extreme pressure lubricant with soluble moly for use in enclosed industrial and automotive gear drives.

**567 EcoShield Biodegradable EP Gear Oil**  
 ISO 68, 100, 150, 220, 320, 460 & 680  
 For industrial gear drives, slide and way systems, gear stamping and machine press applications subjected to heavy loading or shock loading conditions. Meets USDA definition EO 13101 for bio-based products.



## TRANSMISSION & HYDRAULIC FLUIDS

**112 HTC Oil (with VarniShield®)**  
ISO 22, 32, 46, 68, 100, 150 & 220  
Anti-wear, rust and oxidation inhibited hydraulic lubricant with a high viscosity index. Helps reduce operating temperatures and varnish buildup in valves, and offers excellent thermal and oxidation stability.

**113 VarniClean®**  
Powerful cleaning action removes varnish buildup in hydraulic equipment. To protect from future buildup, use our hydraulic oils with VarniShield® after using VarniClean®.

**204SAT All-Trans Supreme®**  
Full synthetic, multi-vehicle, automatic transmission fluid for use in GM Dexron® III(H); Ford MERCON® and MERCON® V; and Chrysler ATF +3 and +4.

**205A Dexron®/MERCEN® LV Automatic Transmission Fluid**  
Full synthetic, low viscosity, multi-vehicle fluid for GM Dexron® VI; Ford MERCON® LV; and JASO-1A (JWS 3309).

**DI-LEX Supreme Hydraulic Fluid with DYNAVIS® (with VarniShield®)**  
Para-synthetic dielectric oil for boom trucks, mobile equipment and hydraulic applications that operate in wide ambient temperature ranges.

275S ISO 32 & 46  
275SW ISO 15 winter grade

**315 Simplex Supreme**  
Para-synthetic base for higher heat resistance and better cold weather performance. Universal transmission hydraulic fluid. Exceeds most farm tractor specs; check technical data sheet for full details.

**512 EcoShield™ Biodegradable HTC Oil**  
ISO 32 through 68  
Readily biodegradable, environmentally friendly, ecologically responsive, non-toxic fluid for high pressure industrial, marine, construction and mobile hydraulic systems, turbines and circulating oil systems that are operated in environmentally sensitive areas. Meets USDA definition EO 13101 for bio-based products.

PDF

[schaefferoil.com/technical](http://schaefferoil.com/technical)

Download our technical data sheets and safety data sheets for the current product specifications and applications.



## FUEL ADDITIVES

**Diesel Treat 2000™ Ultra Low Sulfur**  
Meets DW-10 detergency specifications, upgrades #2 to premium diesel and increases lubricity. Contains less than 15PPM sulfur.

137 Summer, all season protection  
137ULSW Winter protection (anti-gel and de-icer)

(Ask about additional summer and winter additive blends.)

**CarbonTreat™ Premium Fuel Additives**  
Cleans and prevents deposits formed in high-pressure fuel injection systems. Exceeds DW-10 detergency specifications. Contains less than 15PPM sulfur.

137CTPS Summer (also available with extra cetane)  
137CTPW Winter (also available with extra cetane)  
137CTPA All season



## MISCELLANEOUS

**127 Moly Rock Drill Oil**  
ISO 32, 46, 68, 100, 150, 220 & 320  
Anti-wear, extreme pressure, emulsifiable, low fog generating oil for use in pneumatically operated rock drills, drifters, jackhammers, sinkers and other air operated percussion tools and pneumatic equipment used in underground, surface mining, contractor and other industrial applications.

**199 Silver Streak® Wire Rope Lubricant**  
Extends service life of all types of wire rope; forms a non-tacky film that resists dirt and abrasives and protects against rust.

**200 Silver Streak® Multi-Lube Spray**  
Heavy-duty lubricant that remains soft and pliable over long period of time; forms an almost indestructible adhesive film.

**200S Silver Streak® Special**  
Extreme pressure lubricant for open gears, dipper sticks, house rails and rollers. Available in various grades.

**225 Moly Tool Joint**  
Anti-wear, extreme pressure lube for sealing pipe threads (except API thread pipes or pipe threads used in water applications).

**527 EcoShield™ Biodegradable Rock Drill Oil**  
ISO 46, 68, 100, 150, 220 & 320  
Readily biodegradable, anti-wear, extreme pressure, emulsifiable oil for rock drills, hammers, drifters and pneumatically operated equipment. Meets USDA definition EO 13101 for bio-based products.



GOOD PEOPLE. GREAT PRODUCTS.

Founded in 1839, Schaeffer's Specialized Lubricants is a sixth-generation, family-owned company that delivers the right solution to every lubrication challenge. Our lubricants provide strong equipment durability and fuel economy benefits, allowing you to maximize your equipment's performance and return on investment.



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