

Plus ULSD Solutions



#137CT CarbonTreat™

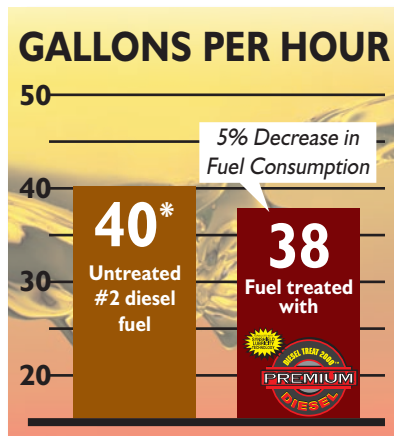
CarbonTreat is a multifunctional diesel fuel additive that is specially formulated to prevent and control the formation of asphaltenes and other unstable components that can lead to the formation of sludge deposits and plug fuel filters and foul injectors. Prevents filter plugging, fuel sludging and cleans fouled and plugged injectors.

#137SUM Diesel Treat™ 2000

For Ultra Low Sulfur diesel fuel (ULSD) only. Diesel Treat™ 2000 was specifically formulated with SynShield technology to add lubricity back into today's ULSD fuels. In addition to protecting injectors, Diesel Treat provides mileage improvement, horsepower improvement and raises cetane.

#137ULSW Diesel Treat™ 2000

Schaeffer's Ultra Low Sulfur winter performance package provides the same benefits as our summer additive with the added protection of anti-gel and jet fuel de-icer.



Treatment level:

137SUM Diesel Treat 2000 (Summer Treat): 1 to 4000 gal.

137ULSW Diesel Treat 2000 (Winter Treat): 1 to 1000 gal of fuel.

Lowers cold filter plug point better than a 70/30 blend of #1. 300 ULSW ArcticShield™ (Cold Flow Improver and De-icer): 1 to 1500 gal of fuel.

137CT CarbonTreat: 1 to 1,500 gallons.

Back in the shop

Two great products for maintenance crews:

#190 Penetro 90® Penetrating Oil

Penetro 90® is a high performance penetrating oil that lubricates all types of moving parts that have become difficult to operate due to increased friction from wear, corrosion, or the buildup of sludge and grime. Penetro 90® creates an oil film that coats each rust particle and acts like tiny ball bearings so the rust particles slide easily over each other without sticking to threads.

#266 Citrol™ Multi-Purpose Citrus Cleaner & Degreaser

Citrol is a powerful degreaser that outperforms solvent, solvent emulsion and alkaline type cleaners for removal of open gear lubes, dirt and grime from dipper sticks, house rails and rollers, as well as underground and mobile equipment. Dilute with water at 1:6 to 1:16 ratio. Citrol is made from citrus extracts so it is biodegradable, safe for people and gentle on hands. To meet California VOC requirements, dilute with water at 1:15 ratio.

Our promise...

No Challenge Is Too Great

"It's not the cost to buy...it's the cost to use."

Since 1839, business and industry have come to rely on Schaeffer's Specialized Lubricants to handle the really tough lubrication jobs. That's because of the risk involved in using something less than the best. Schaeffer has a proven track record for providing lubrication solutions for the mining industry. Our customers have grown to trust Schaeffer for the performance of their valuable equipment. We believe that once you've used Schaeffer, you'll never trust anything less.



Family Owned · American Made
Globally Focused



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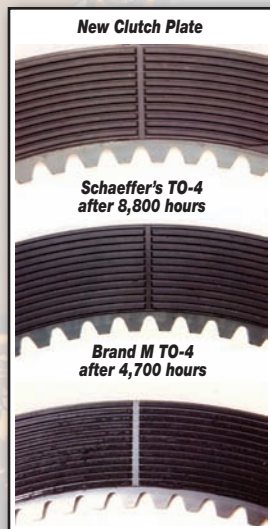
Mining Lubricants

Reduce Wear • Reduce Sling Off • Extend Engine Life

Go ahead. Push your lubricants.

#239S Super Lube Supreme (Para-Synthetic)

#239S Super Lube Supreme is a para-synthetic TO-4 fluid. It is recommended for use in Cat powershift transmissions, hydraulics, final drives and differentials. It is also recommended for Spicer, Fuller and Allison truck transmissions. Super Lube is blended to flow better in cold weather and handle more heat without breakdown. Available in SAE 10, 30, 50.



Proven results save unwanted down time and repair costs.

Schaeffer's TO-4 fluids greatly extend transmission life. With our patented additive technology, clutch life is almost doubled compared to leading OEM fluids.

This translates to improved equipment reliability, less costly rebuilds and a better bottom line.



Go ahead. Push your lubricants.

#700 Supreme 7000 Synthetic Plus 15W-40 Motor Oil (Para-Synthetic)

Supreme 7000 is a para-synthetic motor oil that contains Micron Moly[®], a soluble type of Moly, which is a proven friction modifier that increases engine life and MPG. Supreme 7000 is formulated using a special additive package that exceeds gas and diesel engine manufacturers' requirements. Exceeds requirements for API, CJ-4/CI-4/CI-4 Plus/SM; Mack EO-O Premium Plus 07; Cummins CES 20081, CAT ECF-1-a, ECF-2, ECF-3, Detroit Diesel Powerguard 93K218, Volvo VPS-4. Supreme 7000 is also available in other grades, if needed.

#293A Supreme Gear Lube No Tack (Para-Synthetic)

Supreme Gear Lube is famous for its ability to carry heavier loads and reduce frictional wear. Gears run cooler and last longer. The presence of the soluble Moly "plating" on all moving parts minimizes the action of cold welding that occurs when gears have been standing idle. In many cases, seal leakage is retarded or stopped. Available in grades 293A SAE 80W90 (ISO 220), 294A-140 (ISO 320), 294A (ISO 460), 294A (ISO 680).

#200S Silver Streak[®] Special Multi Lube Open Gear Lube

This heavy duty, extreme pressure non-solvent containing lubricant is recommended for the lubrication of anti-friction bearings, babbitt bearings, pins and bushings, enclosed industrial gear cases, open gearing dipper sticks, circle gearing, spindle and geared couplings and other applications that are common to mining. It is available in several weights depending on the application and ambient temperature. Silver Streak is also available for use on wire ropes.

Product #200S	Operating Range
Ultra Light	-40° to -14°F
Extreme Light	-25° to 5°F
Extra Light	14° to 68°F
Light	32° to 90°F
Medium	45° to 100°F
Heavy	50° to 150°F

Recognized for use on Bucyrus Int'l, Marion and P&H machines.

Schaeffer Delivers Even In Extreme Conditions.

#238 Ultra Supreme Grease (Para-Synthetic)

Ultra Supreme extends bucket pin life, withstands greater shock loads and normally lasts two to three times longer than ordinary greases. Schaeffer's #238 is completely waterproof, and with the addition of extra MoS₂, has proven to successfully reduce wear on all types of anti-friction bearings and chassis points. Waterproof/ Hi-Heat. Available in #1, #2, #3. Also available in a cold weather synthetic blend (pumpable to -35°F), specify 274 in #0, #1, #2.

#274M Moly Extreme Pressure Synthetic Plus Grease (Para-Synthetic)

Para-synthetic, extreme pressure grease. Aluminum complex base, water proof low temperature. Pumpable to -35°F. Good up to 350°F. Only available in NLGI #2.

#228 Moly Super HV Red

Para-synthetic, extreme pressure aluminum complex base grease containing an ISO 460 base oil. Specially formulated for use in heavy-duty heavily loaded bearing applications; especially those applications that are subjected to the adverse conditions of excessive pressure, high shock loading and high water contamination. Can also be used in pin and bushing and fifth wheel applications. Available in NLGI #2 only.