

*The Ultimate in Power
and Performance!...*



RED LINE
SYNTHETIC OIL

MOTOR OILS

RACE OILS

GEAR OILS

SUSPENSION FLUIDS

FUEL ADDITIVES

WATERWETTER™

AND MORE!...

800-624-7958 • www.redlineoil.com

My truck has always had a problem with running hot, especially in the city and being on gas with just the fans ...stuck in traffic on a hot summers day can be a worry. So when my next service was due, I decided to try some Red Line Engine Oil and WaterWetter. I could not believe the difference it made. The first thing I noticed was the engine ran quieter and the engine idle speed had increased, apparently due to less friction. The running temperature of my truck has reduced so much that it takes an extra five minutes to heat up to running temperature in the mornings.

Regards, Ross Willis, Australia

RED LINE MOTOR OILS are designed to provide the highest degree of protection and cleanliness with the lowest friction for your gasoline, diesel, motorcycle or marine engine. We use the most stable synthetic components available and formulate our products for wear protection and friction reduction across a wide range of engine operating conditions. Red Line lubricants are unique because they contain polyol ester base stocks, the only lubricants which can withstand the tremendous heat of modern jet engines. This high-temperature stability makes our motor oil a necessity to properly lubricate a turbocharger or hot-running engine. The synthetic base stocks have a natural multigrade property. Red Line has superior long-drain capabilities and recommends oil changes in a normal functioning engine between 10-18,000 miles for gasoline engines and 10-12,000 miles for diesels, or at least once a year, whichever is shorter.

5W20 and 5W30 provides the easiest startability and lubricates fastest on startup. Reduces turbo lag and provides more power and economy in a properly functioning engine, while providing 25% thicker oil films than a petroleum of comparable viscosity.

10W30 reduces turbo lag and provides more power and economy in a properly functioning engine, while providing thicker oil films than a petroleum 10W40.

10W40 is the best all-weather viscosity grade. Provides oil film thickness greater than a petroleum 20W50 in hot weather and exceptional flow properties in cold weather.

15W50 and 20W50 - The ultimate in high-temperature protection. Recommended for hot-running engines, especially air-cooled. Provides 25% more bearing viscosity than petroleum 20W50s.

15W40 Diesel Engine Oil is highly resistant to thermal breakdown. Provides double the detergency and acid neutralizing ability of conventional petroleum oils for maximum engine cleanliness.

20W60HD provides the greatest protection for V-Twin Engines. Provides 50% more bearing viscosity than petroleum 20W50s.



MOTOR OILS

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Red Line Synthetic Oil is the company that I have chosen to provide all of my sprint car lubricants. I have tried many different lubricants and motor oils from several companies over the 13 years I have raced sprint cars, and seen several tests performed. I choose to use Red Line Oil because of it's superior quality and results.

Joe Gaerte, Gaerte Engines

RED LINE RACE OILS have gained a reputation as the ultimate racing lubricant. Marketers of other lubricants unsuccessfully claim to be "as good as Red Line". Our lubricants are used by many teams who have found that the improved performance and equipment durability is the key to winning. Our race oils are made with the most thermally stable synthetic base stocks available and provide the best high-temperature lubrication and a higher film strength than any petroleum or synthetic marketed. The ability of Red Line to lubricate hot metal has enabled many cars not only to finish, but to win races after losing coolant, without serious damage to the engine. Even though Red Line Race Oils are straight grades, their low-temperature properties make them exceptional multigrades. Red Line Race Oils allow 2-4% more power than an oil of similar viscosity, while providing much more protection. Each reduction in viscosity grade allows 1-2% more power. To reduce the chance of detonation, our race oils contain very few detergents and are not recommended for street use. 2WT and 5WT weights are also available, in gallons only.

SAE 10 (0W10) - For drag racing and circle track qualifying where the lowest internal friction is desired.

SAE 20 (5W20) - For drag racing, circle track qualifying and race engines designed for low-viscosity oils.

SAE 30 (10W30) - Suitable in well-balanced racing engines for sustained high-speed use where low internal friction is desired.

SAE 40 (15W40) - For use where temperatures may be high and when a wide range in RPMs and speeds will be encountered.

SAE 50 (15W50) - For use where extremely high temperatures may be encountered and when engine durability is the primary concern.

SAE 60 (20W60) - For alcohol fuel engines.

SAE 70 (25W70) - For top-fuel engines.



RACE OILS

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RED LINE GEAR & TRANSMISSION LUBRICANTS

are designed to provide excellent low-temperature shiftability and improved gear protection at higher temperatures. Red Line Gear Oils will reduce differential temperatures 10-70°F. Efficiency improvements between 1-5% are typical. The synthetic base stocks used have tremendous thermal stability and provide the best film strength available. The unique combination of base stocks and additives allow Red Line gear and transmission oils to carry higher loads compared to petroleum lubricants. The stability of these products allow them to be used for extended periods.

75W90 AND 75W140 GEAR OILS are recommended for most street driven and racing differentials. Excellent performance in conventional and limited slip units. Also for limited slip manual transaxles which require a 90 WT oil. Contains limited slip friction modifiers.

75W90NS AND 75W140NS OILS are recommended for manual transmissions and non-limited slip transaxles that recommend 90 WT oils. Can be used in racing limited slip units to increase lockup and reduce wheel spin. Street driven cars should use regular Red Line 75W90, 75W140 or 80W140.

80W140 GEAR OIL is recommended for heavily loaded and low speed differentials, including limited slip, and where reduction of limited slip chatter or gear noise is required.

SHOCKPROOF GEAR OILS are recommended for heavily-loaded racing differentials and transmissions which see shockloading. Shock Proof contains a unique solid dispersion which cushions gear teeth to help prevent tooth breakage and allows the use of lower viscosities. Available as Super Light, Lightweight and Heavy grades.

MTL - Manual Transmission Lubricant - A 70W80 GL-4 Gear Oil (SAE 5W30/10W30 engine oil viscosity) is designed for use in manual transmissions and transaxles. Provides excellent protection of gears and synchronizers and it's balanced slipperiness provides a perfect coefficient of friction, allowing easier shifting.

MT-90 is a 75W90 GL-4 Gear Oil designed for use in manual transmissions and transaxles. Provides excellent protection of gears and synchronizers and it's balanced slipperiness provides a perfect coefficient of friction, allowing easier shifting.



GEAR OILS

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In my 12 years of Mustang racing and my family's 40 years of USAC, IRL and CART, I have never come across a line of lubricants that does a better job than Red Line Oil. We turn our engines upwards of 11,000 rpm and have never had an engine failure related to oil break down. We enthusiastically endorse all Red Line Oil products.

J. R. Granatelli

D4 ATF - Is a fully synthetic ATF, designed to satisfy the requirements of Dexron III, Mercon and Mercon V, while satisfying GL-4 oil requirements. Superior stability allows high temperature operation without varnishing valves and clutches. Also provides tremendously improved shifting in cold weather. The best low temperature shiftability for manual transmissions and transaxles which require ATFs.

SYNTHETIC ATF - Is a fully synthetic ATF designed to satisfy the requirements of Dexron II. Superior stability allows high-temperature operation without varnishing valves and clutches. Also provides improved shifting in cold weather.

HIGH-TEMP ATF is a synthetic ATF which is a GL-4 gear oil for use where Dexron III or Mercon is recommended. A higher viscosity allows optimal operation at 70°F higher temperature, providing better torque converter efficiency. Perfect for heavily-loaded vehicles. Superior stability allows high-temperature operation without varnishing valves and clutches.

RACING ATF is a synthetic ATF for automatic and manual transmissions which need the positive shift of a TYPE-F ATF. This ATF contains no slipperiness additives, producing faster shifts and quicker lockup. A higher viscosity at high temperatures provide greater efficiency and provides better wear protection than other ATFs.

C+ ATF is a synthetic ATF for Chrysler 7176, ATF +2, ATF +3 and 9602 ATF +4.



AUTOMATIC TRANSMISSION FLUIDS

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WATERWETTER™ SUPERCoolant is a unique wetting agent for cooling systems which reduces coolant temperatures by as much as 30°F. This liquid product can be used to provide rust and corrosion protection in plain water for racing engines, which provides much better heat transfer properties than glycol-based antifreeze. Or it can be added to new or used antifreeze to improve the heat transfer of ethylene and propylene glycol systems. Designed for modern aluminum, cast iron, copper, brass and bronze systems.

DIESEL WATERWETTER™

Same improvements in cooling efficiency as WaterWetter, but without the rust and corrosion inhibitors. Designed for heavy-duty diesel engines which use more than 33% antifreeze.



WATERWETTER™

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SI-1 Injector and valve detergent is a concentrated package of the most powerful high-temperature detergents available to clean gasoline fuel injectors, intake valves and combustion chambers. SI-1 can clean injectors to nearly 100% efficiency in one treatment. The cleansing effect on injector deposits can raise fuel economy approximately 12% or even greater, depending on the condition of the injectors. Although many gasolines advertise injector cleanliness, GM presented a paper to the SAE which indicates that their customers encountered injector plugging with all major brands of gasoline (SAE 861533). SI-1 also contains detergents and a synthetic upper cylinder lubricant which will help clean the intake valves, pollution control valves, combustion chamber deposits and carburetors. One bottle of SI-1 to a tank of fuel can reduce octane requirements by two numbers. SI-1 also protects the fuel system from rust. One bottle treats up to 100 gallons. Safe for continual use.

SI-2 contains the same powerful high-temperature detergents and synthetic upper cylinder lubricants as Red Line SI-1, but is packaged in a convenient 4 oz container designed to treat one tank of fuel.

RED LINE LEAD SUBSTITUTE prevents valve seat recession in vehicles designed to use leaded fuels. Red Line Lead Substitute prolongs the useful life of these engines; cleans carburetor deposits and injectors and will not damage catalytic converters. For racing, marine or off-road use only.

FUEL SYSTEM ANTIFREEZE & WATER ELIMINATOR disperses equal amounts of water in fuel and reduces the freeze point of an equal amount of water to 0°F. Treats 250 gallons and can be used in gasoline or diesel fuel. Also provides excellent fuel lubrication in diesel and gasoline engines.

4 CYCLE ALCOHOL FUEL LUBRICANT proved excellent lubricity for alcohol to prevent upper cylinder wear and fuel system corrosion. Not detectable by normal fuel tests.

DIESEL FUEL CATALYST contains powerful high temperature detergents, lubricants and a combustion catalyst. This catalyst reduces smoke dramatically, reduces detonation, and improves fuel economy 4-8% based on fleet and dyno tests. The lubricants can reduce wear in low sulfur fuel by 75%, prolonging injector and fuel pump life. Corrosion inhibitors will help prevent rust and corrosion.

85 PLUS is designed for use in all diesel engines. Contains extremely powerful lubricants, detergents, seal conditioners, fuel stabilizers and rust preventatives, but without smoke suppressant. Red Line 85 Plus contains additional cetane improvers which boost the fuel 5-9 cetane numbers and additional lubricants which reduce wear in low sulfur fuel by 75%. This improvement in lubricity and cetane will reduce detonation, assist starting, help reduce smoking, help prevent fuel system wear and leakage and can provide 5% additional power and efficiency.



FUEL ADDITIVES

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*For All
Lubrication
Personal • Commercial*



*The Ultimate
and Performance*



*All Your
Performance Needs
Commercial • Racing*



RED LINE
SYNTHETIC OIL

*Get in Power
Performance!*



RED LINE TWO CYCLE LUBRICANTS contain base oils which have the highest film strength and greatest affinity for hot metal. Because Red Line is a superior high-temperature lubricant, it can be used at lower fuel:oil ratios, increasing power and providing excellent scuff protection and cleanliness. Red Line two-cycle products provide the lubricating qualities of castor oil, but provide exceptional cleanliness, keeping rings, ports, plugs, and power valves extremely clean, a tremendous improvement over petroleum and other synthetic products. Red Line's low carbon residue dramatically reduces plug fouling and smoke. Red Line provides far superior scuff protection than other high-performance lubricants with special protection for reformulated fuels.

TWO-STROKE RACING OIL - The ultimate in two-cycle performance - provides improved power and perfect cleanliness. Power improvements of 3-5% have been obtained in dyno tests. The high-temperature stability prevents deposits in even the hottest upper ring and piston crown areas. Suggested for use at 50:1, but can be used richer or leaner, up to 100:1 depending on the type of engine and its operating conditions. Provides unequalled protection in motorcycles and marine engines as a premix or injection oil.

TWO-CYCLE KART OIL is designed for two-cycle kart engines which are operated in excess of 12,000 RPMs. Better production of power and bearing protection than castor bean oils and incredibly clean. Many engines can be operated at approximately 25°F greater cylinder head temperature.

WATERCRAFT OIL is an ashless biodegradable lubricant designed for water-cooled outboard, personal watercraft and other performance engines which recommend an NMMA TC-W3 lubricant. Better production of power, scuff protection and bearing protection is obtained compared to petroleum and other synthetics and is very clean. Perfect for new reformulated and oxygenated fuels.

ALL-SPORT TWO-STROKE OIL is a biodegradable lubricant designed for air or water-cooled performance engines which require a low-ash oil, not an NMMA TC-W3 lubricant. Better production of power, scuff protection and bearing protection is obtained compared to petroleum and other synthetics and is incredibly clean. Perfect for new reformulated and oxygenated fuels.

TWO-CYCLE SMOKELESS OIL - All Red Line two cycle lubricants are very low smoke products, but with Smokeless, smoke is virtually non-existent. This is recommended where smoke reduction is essential.



2 STROKE OILS

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"Your synthetic suspension fluids are absolutely the best! The longer that I use them, the more advantages I find in using them. Fluid change intervals can be 3-4 times longer than with any other suspension fluids and heat fade is essentially nonexistent for motocross racing usage. Thank you for producing products that allow me to provide the best engine and suspension in the motocross industry!"

Tom Morgan
Tom Morgan Racing

RED LINE SUSPENSION FLUIDS change very little with temperature and provide lower operating temperatures. The foaming resistance is excellent and the slippery synthetic base stocks provide little seal drag. Available in five different grades. The LikeWater provides the least viscosity change of any commercial suspension fluid and will operate unchanged many times longer than other suspension fluids.



SUSPENSION FLUIDS

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We use Red Line Oil exclusively and while developing improvements on our clutch program, we warmed up the motor as usual, did a burnout and went to the 60ft. mark. We noticed the engine had been misfiring. The next full pass was completed with the clutch in working order. Our main concern was to modify the clutch and we weren't as focused on engine performance that day. Later we had realized that we lost our oil pump belt and the engine data concluded that we had no oil pressure for those passes. To our amazement there was no bearing damage at all, which is pretty amazing considering the power level was nearly 2,000 hp, which proves that Red Line Oil really holds up!

*Thanks! **Mike Moran***

Mike made drag racing history by being the first street legal car to run over 200 MPH at the 1996 NHRA U.S. Nationals with a record of 6.96ET at 201.2 MPH.



RED LINE OIL

has special formulations for Fleet use.
Contact your local Red Line Oil Distributor.

RL-2 DIESEL IGNITION IMPROVER

Cleans and lubricates injectors, pumps, and rings while improving efficiency up to 5%

RL-3 DIESEL COMBUSTION IMPROVER

Cleans and lubricates injectors, pumps, and rings while improving efficiency up to 5%. Includes Cetane booster.

RL ANTI-GEL Improves low-temperature operation of diesel engines and helps prevent gelling and freezing.

FLEET PRODUCTS

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*After half of a century in drag racing, I know to only use the best.
That's why I highly recommend Red Line Oil.*

Jim Dunn
K&N Filters Funny Car
Owner/Engine Builder

*Since switching to Red Line Oil, we have qualified #1 six times in the
2001 season. We also had three wins and one runner-up. It is the best
racing oil on the market, period!*

Doug Mangrum, Pro 5.0 Mustang, 6.76 @205

MANY RED LINE PRODUCTS are available in bulk packaging including 1 Gallon bottles, 5 Gallon Pails, 16 Gallon Pails and 55 Gallon drums.



AVAILABLE IN BULK

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RED LINE CV-2 SYNTHETIC GREASE possesses a very high melting point, excellent water washout resistance and superior antiwear which makes it excellent for high temperatures and extreme loads. CV-2 contains an organic moly and is for wheel bearings, high angle and conventional CV joints, chassis lubrication and high temperature, high speed industrial equipment.

COMPRESSOR LUBRICANTS - Red line provides a complete line of synthetic industrial and shop air compressor lubricants. These lubricants provide excellent resistance to carbon formation, last typically five times longer and can provide approximately 5% improvement in compressor efficiency.

POWER STEERING FLUID provides much improved wear protection and resists thermal breakdown. Provides continued high pump output at high temperatures and resists evaporation and foaming at high temperatures. Suitable for most power steering units.

RED LINE ASSEMBLY LUBE provides three times greater film strength than conventional black Molybdenum Disulfide greases and will not clog oil filters. This product clings to all surfaces and is an excellent rust inhibitor, allowing the storage of parts for years. A thin film of protection is all that is required on mating parts.

DIFFERENTIAL FRICTION MODIFIER AND BREAK IN ADDITIVE is a friction modifier designed to reduce limited slip noise and to aid the proper break-in of any differential. This can be added to any gear oil to reduce temperature during break-in and prevent gear softening. Replaces manufacturers' limited slip additives. Can be used to perfectly tune a limited slip unit. Red Line 75W90 and 80W140 Gear Oils already contain this additive.

AIR TOOL OIL is an excellent lubricant for rotary and piston-type pneumatic tools and hammers. Regular use helps prevent wear and rust while keeping the equipment clean and operating efficiently.



...AND MORE!

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TEAM GEAR



“STONE WASHED” DENIM JACKET Heavyweight 100% Cotton, Blue and Red Denim unlined jacket features snap front and waist. Crew neck, slash pockets and banded sleeves and waist, Red/Blue Red Line Oil Racing embroidered full size on back and over left chest on front. Sizes M - XXL.....**\$75**

BLACK TASLAN JACKET Black nylon Taslan water resistant shell, with ash or black color fleece lining, handwarming pockets, knit rib sleeves and waistband, and full length zipper w/weather flap. Sizes S - XXXL...**\$59**

SHORT SLEEVE DRESS SHIRT Your choice of Tan or Light Blue Dress Shirts feature “Stone Washed” look. Excellent tailoring with buttoned down collar and buttoned pocket. Red Line Lubricants 4-color embroidered over pocket. Sizes S - XXL**\$35**

PIQUET KNIT GOLF SHIRT Red or Black with soft collar and banded sleeves. 2-button placard and extended tails add comfort and good looks. Red Line Lubricants in 4-color embroidery. Sizes S - XXXL ...**\$32**

LONG SLEEVE SWEATSHIRT 50% Cotton/50% Polyester heavyweight fleece-lined sweatshirts feature banded sleeves and waist and crew neck. Your choice of Black with Blue/Red Red Line Oil Racing or Ash Gray with Gray/Red Red Line Oil Racing embroidered full-size on front. Sizes M - XXXL.....**\$39**

WHITE T-SHIRT Heavyweight “Beefy-T” 100% preshrunk Cotton White T-Shirt features 2-color screen printed design on front and back. Sizes S - XXXL**\$12**

BLACK T-SHIRT Heavyweight “Beefy-T” 100% preshrunk Cotton Black T-Shirt features 3-color screen printed design on front and back. Sizes S - XXXL**\$15**

BASEBALL CAP Your choice of Black, Red or Tan featuring Red Line Oil Racing embroidered on front and WaterWetter embroidered on Back. Quality cap with cloth button and sewn vents on top, adjustable on-size-fits-all strap in back.**\$12**

SPECIALIZED CAP Black cap with red flames and the Red Line tach logo on front & Racing Lubricants embroidered on back. White cap with the Red Line tech logo on front and Racing Lubricants embroidered on back. Quality cap with adjustable one-size-fits-all strap..**\$18**

ORDER YOURS TODAY!... CALL **800-624-7958**, 707-745-6100 OR FAX: 707-745-3214
 BY MAIL - RED LINE OIL, 6100 EGRET COURT, BENICIA, CA 94510 • ORDER ONLINE - www.redlineoil.com
 NOTE: Apparel and caps subject to slight changes.

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