



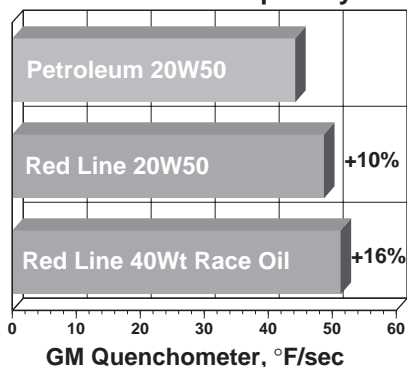
RED LINE SYNTHETIC OIL CORP.

Red Line in Your Harley

Red Line Synthetic lubricants are perfect for Harley-Davidson motorcycles! Heat, roller crank bearings and high-pressure cams make Harley-Davidson motorcycles significantly more difficult to properly lubricate compared to normal passenger cars and other non-American motorcycles. Ordinary petroleum engine oils, and especially the multigrade varieties have significant lubrication deficiencies which provide poor protection.

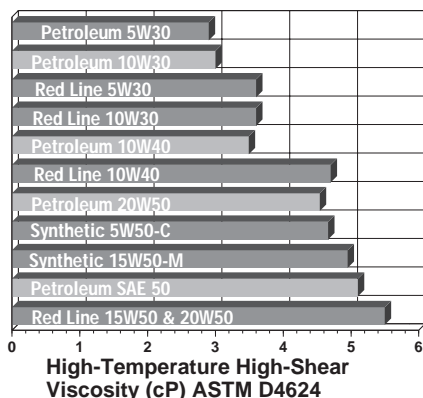
Heat! Harley's produce tremendous thermal stress on the engine and lubricant which require the ability to transfer heat out of the engine quickly and good thermal stability to prevent decomposition. Red Line Synthetic lubricants can provide a significant improvement in the capability to transfer heat out of the engine, transmission, and chaincase. This chart demonstrates the 10-16% improvement in heat transfer as tested in the GM Quenchometer test which measures the amount of time required to remove heat energy from a metal ball. The increased affinity for hot metal and superior thermal stability allow the oil to better coat the hot surface and transfer the heat away, reducing temperatures by 15-50°F.

Heat Transfer Capability



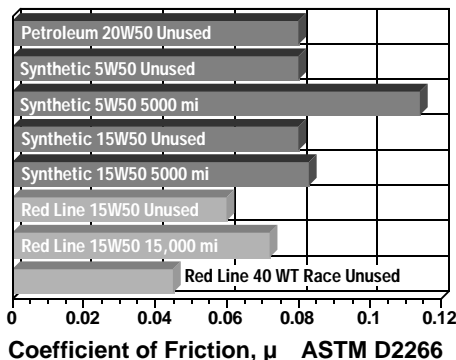
Viscosity! Harley's require adequate viscosity for good durability. Traditionally Harley Davidson has recommended straight viscosity oils to provide good engine protection, usually SAE 50 or 60 and only reluctantly an SAE 20W50 for use if cold temperatures are to be encountered. The thick straight viscosity oils make it very difficult to start in cold weather and more importantly, the straight weight oil will not flow well to the valve train when cold. The roller crank bearings cause a tremendous shearing action on the oil, which causes the polymer thickened petroleum multigrades to lose much of their rated viscosity. This chart shows how Red Line 15W50 and Red Line 20W50 both provide a higher viscosity than a straight SAE 50 and 25% higher viscosity than a petroleum 20W50 at the higher temperatures and pressures found in the bearings and cams. The synthetic multigrades will provide the protection of straight grades and the low-temperature startability and flow of a multigrade.

HIGHER VISCOSITY IN BEARINGS AND CAMS



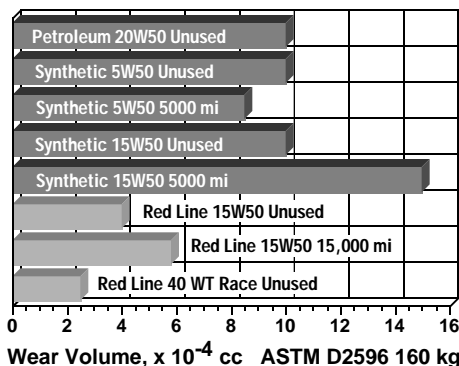
Friction! Red Line Synthetic Lubricants are also differentiated by their extremely low friction. Friction robs power and accelerates wear. The lower coefficient of friction, even after an extended period of use insures more power and reduced temperatures. Red Line lubricants can provide up to 3% more power due to lower friction.

REDUCED FRICTION



Wear! Harley's can be a victim of oil-related wear problems in the cylinder bores, piston skirts, and bearings. Red Line provides significantly better wear protection than other petroleum or synthetics. This chart indicates a significant improvement in the high-load wear protection, even after long usage in an automotive engine. Ron Dickey of Axtell Sales, a leading manufacturer of high-performance Harley parts, finds that Red Line Oil eliminated piston scuffing and cylinder wear.

REDUCED WEAR AT HEAVY LOADS



Transmission and Primary Chaincase Lubricants. Red Line Synthetic Heavy ShockProof™ Gear Oil perfectly lubricates the Harley-Davidson transmission. The transmission is much easier to shift and provides less Clunk when shifted. The ShockProof™ Gear Oil provides excellent extreme pressure protection and low friction to reduce wear. Red Line Synthetic MTL® should be used in the chaincase. This lubricant transfers heat, prevents wear, but is **not** too slippery! A slippery lubricant causes clutch slippage which increases clutch wear.

Drag Racing! Red Line makes lower viscosity lubricants which are perfect for drag racing. The Synthetic 20Wt, 30Wt, or 40Wt Race Oils which provide low fluid friction for more power and excellent protection. The LightWeight ShockProof Gear Oil again provides lower friction with low wear. Race Oils do not contain detergents and should not be used for street use.