



## Dominator® Synthetic 5W-20 Racing Oil

**Maximum Performance and Premium Protection  
for High-Performance and Racing Applications.**

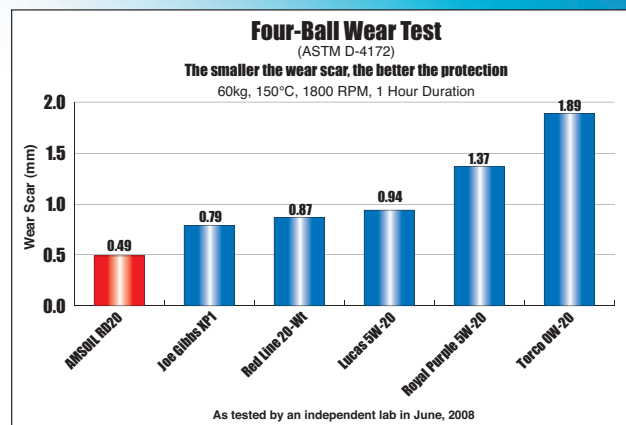
### PRODUCT DESCRIPTION

AMSOIL Dominator® Synthetic 5W-20 Racing Oil (RD20) provides superior performance and maximum protection in high-performance and racing applications. Formulated to withstand the elevated RPM, high temperatures and shock-loading common to racing applications, Dominator Synthetic 5W-20 Racing Oil delivers superior performance and maximum protection in extreme conditions. Its shear-stable formulation was engineered to provide maximum horsepower without sacrificing engine protection. Dominator Synthetic 5W-20 Racing Oil provides straight-grade protection in a multi-grade formulation.

AMSOIL, the leader in automotive synthetic lubrication, produced the world's first API-qualified synthetic motor oil in 1972. Trust the extensive experience of AMSOIL *The First in Synthetics*® to do the best job protecting your engine.

### MAXIMUM DURABILITY, MAXIMUM WEAR PROTECTION

AMSOIL Dominator Synthetic Racing Oil features an additive package heavily fortified with zinc and phosphorus for superior long-term wear protection. Designed for maximum durability, it ensures critical engine components are protected for the duration of the race. Dominator Synthetic 5W-20 Racing Oil's superior additive technology provides unmatched durability in extreme conditions. In addition, its light viscosity makes it ideal for high-performance tuner cars and sub-compact vehicles.



### SUPERIOR PERFORMANCE

Dominator Synthetic Racing Oil's proprietary friction modifier provides reduced friction for maximum power and cooler engine temperatures, resulting in improved lap times and longer-lasting equipment.

### PROTECTION FROM STARTUP TO THE CHECKERED FLAG

Dominator Synthetic 5W-20 Racing Oil's multi-viscosity design provides maximum protection in temperature extremes. Dominator Racing Oil offers excellent cold-start protection and provides less drag when engine oil has not reached stable operating temperatures. It maintains superior film strength during high-temperature operation on the track.



# TYPICAL TECHNICAL PROPERTIES

## AMSOIL Dominator® Synthetic 5W-20 Racing Oil (RD20)

Kinematic Viscosity @ 100°C, cSt (ASTM D-445) . . . . .	9.0	Four-Ball Wear Test (ASTM D-4172 @ 40 kg, 150°C, 1800 rpm, 1 hr), Scar, mm . . . .	0.49
Kinematic Viscosity @ 40°C, cSt (ASTM D-445) . . . . .	49.6	Total Base Number . . . . .	8.0
Viscosity Index (ASTM D-2270) . . . . .	165	Shear Stability Kurt Orbahn (ASTM D-6278), % viscosity change 90 cycles . . . . .	<3.0
CCS Viscosity cP (°C) (ASTM D-5293) . . . . .	5695 (-30)	High-Temperature/High-Shear Viscosity, 150°C, 1.4x10 <sup>6</sup> s <sup>-1</sup> , cP (ASTM D-5481) . . . . .	3.0
Pour Point °C (°F) (ASTM D-97) . . . . .	-45 (-49)		
Flash Point °C (°F) (ASTM D-92) . . . . .	225 (437)		
Fire Point °C (°F) (ASTM D-92) . . . . .	241 (466)		

### **SUPERIOR-QUALITY OILS, NO DISCRIMINATION**

Many oil companies produce specialty racing oils for elite groups and do not offer them to the general public. For instance, several popular oil manufacturers produce racing oils offered only to NASCAR racers. All AMSOIL synthetic motor oils are already formulated to a higher level of performance than competitors' oils, and AMSOIL Dominator Synthetic Racing Oil is no exception. It provides maximum performance and superior protection to all racers, regardless of their level of competition. The same AMSOIL Dominator Synthetic Racing Oil that is used in the engines of AMSOIL corporately-sponsored racers, including Scott Douglas and Brady Smith, are available to everyone.

### **APPLICATIONS**

AMSOIL Dominator Synthetic 5W-20 Racing Oil is recommended for high-rpm, high-horsepower, turbo/supercharged, gasoline- or alcohol-burning and nitrous oxide gas-injected applications operated under severe conditions. Applications include, but are not limited to, the following:

- Modified Small Block • Asphalt Late Model • GM Crate Late Model • NHRA Stock Eliminator • Bracket • Midget • Kart • Junior Dragster • Other domestic and import high-performance racing and street applications requiring 20-weight oil. The low-viscosity formulation and robust additive package of Dominator 5W-20 make it ideal for use as a high-strength qualifying oil.

AMSOIL Ea Racing Air Filters (EaAR) are specially designed for racing and street rod enthusiasts who desire AMSOIL Ea protection in carbureted applications. AMSOIL EaAR Air Filters are constructed with the same synthetic nanofiber media as other AMSOIL Ea Air Filters, providing maximum protection and extended filter life.

AMSOIL offers WIX Racing Oil Filters for racing applications. WIX racing filters are specially designed for racing applications only.

OIL ANALYZERS INC., 715-395-0222, is a division of AMSOIL that provides cost-effective, quality oil analysis services.

For more information on product applications and service life, refer to the AMSOIL Product Recommendation and Drain Interval Guide (G1490).

### **HEALTH & SAFETY**

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Material Safety Data Sheet (MSDS). An MSDS is available upon request at 715-392-7101 or via the Internet at [www.amsoil.com](http://www.amsoil.com). Keep Out of Reach of Children. Don't pollute. Return used oil to collection centers.

AMSOIL products and Dealership information are available from your local AMSOIL Dealer.

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[www.SyntheticOils.us](http://www.SyntheticOils.us)

