

# Sunoco Supreme™

Sunoco Supreme™ is a 112 octane leaded race fuel designed for competition engines routinely operating over 7000 rpm. Supreme is blended to achieve a high motor octane number and fast burn speed to ensure engine protection lap after lap and pass after pass. It features a comprehensive additive package to enhance shelf life by improving storage stability and minimizing oxidation. Sunoco Supreme is designed for compression ratios up to about 15:1 in small block V8 race engines and can tolerate higher compression ratios in smaller or more efficient combustion chambers. Supreme's fast burn speed also makes it a popular choice for 2-stroke applications.

As with any gasoline, Sunoco Supreme should be stored in opaque, tightly sealed containers and kept where temperatures are stable. Properly stored, the shelf life of Supreme is in excess of 2 years.

|   |                                     |              |
|---|-------------------------------------|--------------|
|  | <b>TYPICAL PROPERTIES</b>           |              |
|   | COLOR .....                         | <b>BLUE</b>  |
|   | OCTANE NUMBER (R+M)/2 .....         | <b>112</b>   |
|   | RESEARCH OCTANE NUMBER (RON) .....  | <b>115</b>   |
|   | MOTOR OCTANE NUMBER (MON) .....     | <b>109</b>   |
|   | SPECIFIC GRAVITY .....              | <b>0.714</b> |
|   | DENSITY (POUNDS/GALLON) .....       | <b>5.9</b>   |
|   | REID VAPOR PRESSURE (PSI) .....     | <b>6.1</b>   |
|   | DISTILLATION (DEGREES F)            |              |
|   | INITIAL BOILING POINT .....         | <b>87</b>    |
|   | 10% EVAPORATED .....                | <b>145</b>   |
|   | 50% EVAPORATED .....                | <b>216</b>   |
|   | 90% EVAPORATED .....                | <b>234</b>   |
|   | FINAL BOILING POINT .....           | <b>254</b>   |
|   | STOICHIOMETRIC AIR/FUEL RATIO ..... | <b>15.1</b>  |
| OXYGEN (WEIGHT %) .....   | <b>0.0</b>                          |              |
| H/C RATIO .....   | <b>2.12</b>                         |              |
| LOWER HEATING VALUE (BTU/LB) .....  | <b>18,800</b>                       |              |
| LOWER HEATING VALUE (BTU/GAL) .....   | <b>111,900</b>                      |              |
| DIELECTRIC CONSTANT .....   | <b>-0.8</b>                         |              |
| LEADED .....  | <b>YES</b>                          |              |

For off-road and racing applications only. Legal in California only for racing vehicles in sanctioned racing events.



**SUNOCO PERFORMANCE PRODUCTS**  
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