



MaxR200™ Engine Application Guide

MaxR200™ contains the latest scientifically blended synthetic components modern lubrication can provide. MaxR200™ will blend and is compatible with all conventional lubricants including:

- * Motor oils
- * Gear oils
- * Transmission fluids
- * Hydraulic fluids
- * Grease

In order to successfully install & record the results of a MaxR200™ treatment for an engine application, please use the following guidelines:

Pretreatment

1. Record cold cranking amps.
2. Record each cylinder's compression.
3. Record spectrometric oil analysis results over several oil changes.
4. Record fuel consumption over long term to establish usage pattern.
5. Perform dynamometer tests on engine to establish performance pattern.
6. Record exhausts emissions.

Note:
Disconnect the battery cable for 10 minutes before installation in order to shut down the computer so that the fuel pump is reset. This will ensure fuel savings.

Installation

1. Treat engine or other application with MaxR200™, following the oil to additive ratios indicated by the "MaxR200™ Application Dosage" chart (see chart to the right). *For a first time treatment, use a higher percentage ratio of 10 % (MaxR200™) to the volume of oil being treated.
2. Run engine or other application under normal conditions in order for MaxR200™ to achieve treatment of the metal surfaces.

Post Treatment

Repeat tests 1 through 6 of the pretreatment tests. Performance benefits of MaxR200™ improve with the first week of operation, as the treatment process reaches its maximum potential. It is best to operate the engine under normal operating conditions for several days, and then perform the post-treatment baseline tests.

*Items to observe after treatment:

1. Reduced cold cranking amps, indicating reduced friction.
2. Improved compression.
3. Reduced wear metals in spectrometric oil analysis report.
4. Reduced fuel consumption.
5. Increased horsepower and/or torque.
6. Reduced exhaust emissions.

*Compression improvement is most likely with older engines that have reduced compression due to carbon build-up causing piston rings to stick. The treating process helps free rings, thereby restoring compression. Then the MaxR200™ treatment helps keep rings free, maintaining compression. However, this compression increase can also increase cold cranking amps, and should be figured into cold cranking amp test results. Best cold cranking amps reduction after treatment is seen on engines that have not suffered reduced compression.

MaxR200™

Application Additive Ratio

***Engines: Gasoline, Diesel,**
 (2oz/Quart, 60ml/Litre, 6%)

*** Automatic Transmissions**
 (6.5oz/10 Qt, 20ml/Litre, 2%)

*** Gear Boxes, Differentials, Transfer Cases, Pumps, Compressors**
 (2oz/Quart, 60ml/Litre, 6%)

*** Industrial Applications: Oils, Lubricants, Greases and Cutting Oils.**
 (3oz/Quart, 100ml/Litre, 10%)

*** Hydraulic Systems**
 (48oz /5 Gal, 75ml /Litre , 7.5%)

*** Cutting Tools, Bearings, Assembly Lube**
 (Full Strength)