PART NUMBER: 55364

PETRON PLUS™ FORMULA 7
OCTANE BOOSTER
ON-ROAD

PERFORMANCE FEATURES

- RAISES OCTANE BY UP TO 1.5 RON IN ON-HIGHWAY APPLICATIONS
- RAISES OCTANE BY UP TO 2.5 RON IN OFF-HIGHWAY APPLICATIONS
- CLEANS CLOGGED FUEL INJECTORS
- MEETS BMW REQUIREMENTS FOR IVD DETERGENCY
- SIGNIFICANTLY REDUCES NOX EMISSIONS
- REDUCES CARBON MONOXIDE EMISSIONS
- PROTECTS AGAINST VALVE SEAT RECIPROSION IN BoATS AND OTHER HIGH PERFORMANCE OFF-ROAD VEHICLES
- CONTAINS A POWERFUL SMOKE SUPPRESSANT
- SAFE FOR USE WITH CATALYTIC CONVERTERS AND OXYGEN SENSORS
- EPA REGISTERED
PETRON PLUS™
FORMULA 7
OCTANE BOOSTER
ON-ROAD
Part No. 55364
GASOLINE DETERGENT/OCTANE BOOSTER

OCTANE ENHANCEMENT DATA

- BASE GASOLINE WAS EXXON REGULAR - RON = 91.6
- RON MEASURED BY ASTM D2699

PP-ONR-OB-2
PETRON PLUS™  
FORMULA 7  
OCTANE BOOSTER  
ON-ROAD  
Part No. 55364  
GASOLINE DETERGENT/OCTANE BOOSTER  

FUEL INJECTOR CLEAN-UP  

- PETRON PLUS 55364 HAS A ACTIVE DETERGENT/INHIBITOR INCLUDED  
- ACTIVE DETERGENT/INHIBITOR CONCENTRATION WAS 180 PPM BY VOLUME  
- BASE GASOLINE CONTAINED 22% OLEFIN; 39% AROMATICS; 490 PPM SULFUR
PETRON PLUS™
FORMULA 7
OCTANE BOOSTER
ON-ROAD
Part No. 55364
GASOLINE DETERGENT/OCTANE BOOSTER

BMW 318I IVD TEST

10,000 MILE IVD WEIGHT

- INDUSTRY STANDARD TEST AT SwRI
- GASOLINE CONTAINED 1% OLEFIN; 34% AROMATICS; 30 PPM SULFUR
- UNLIMITED BMW APPROVAL REQUIRES <100 MG AVERAGE DEPOSITS
- ACTIVE DETERGENT/INHIBITOR CONCENTRATION WAS 180 PPM BY VOLUME

PP-ONR-OB-4

Petron Plus Global, Inc. - CONFIDENTIAL
**PETRON PLUS™**
**FORMULA 7**
**OCTANE BOOSTER**
**ON-ROAD**
Part No. 55364

**GASOLINE DETERGENT/OCTANE BOOSTER**

**COMBUSTION CHAMBER DEPOSIT CONTROL.**

<table>
<thead>
<tr>
<th></th>
<th>After Dirty-Up</th>
<th>After Clean-Up</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>CCD THICKNESS (Microns)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Piston Top</td>
<td>88</td>
<td>38</td>
<td>-58</td>
</tr>
<tr>
<td>Cylinder Head</td>
<td>75</td>
<td>44</td>
<td>-41</td>
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**TAIL PIPE EMISSIONS**

<table>
<thead>
<tr>
<th></th>
<th>After Dirty-Up</th>
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<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocarbons (g/mile)</td>
<td>0.286</td>
<td>0.251</td>
<td>-11.8</td>
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<tr>
<td>CO (g/mile)</td>
<td>3.397</td>
<td>2.897</td>
<td>-14.7</td>
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</tbody>
</table>

**FUEL ECONOMY, MPG**

<table>
<thead>
<tr>
<th></th>
<th>After Dirty-Up</th>
<th>After Clean-Up</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fed Test Method</td>
<td>22.2</td>
<td>22.9</td>
<td>+3.2</td>
</tr>
<tr>
<td>Hwy Test Procedure</td>
<td>38.4</td>
<td>37.0</td>
<td>+1.0</td>
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</tbody>
</table>

**TEST PROTOCOLS**

- EMISSIONS WERE MEASURED BY THE FEDERAL FTP-75 PROCEDURE
- THE CCD TESTS WERE CONDUCTED ON A TOYOTA CAMRY
- DIRTY-UP GASOLINE USED MINERAL OIL BASED DETERGENT PACKAGE
- CLEAN-UP ACTIVE DETERGENT/INHIBITOR LEVEL WAS 180 PPM BY VOLUME

PP-ONR-OB-5

Petron Plus Global, Inc. - CONFIDENTIAL
EMISSIONS REDUCTION - NOX

- MMT TREATMENT RATE WAS EQUIVALENT TO 1 OZ/GAL OF PETRON PLUS 55364
- FLEET TEST INCLUDED 48 CARS FROM 1988 MODEL YEAR

Petron Plus Global, Inc. - CONFIDENTIAL
EMISSIONS REDUCTION - CO

- MMT TREATMENT RATE WAS EQUIVALENT TO 1 OZ/GAL OF PETRON PLUS 55364

- FLEET TEST INCLUDED 48 CARS FROM 1988 MODEL YEAR

PP-ONR-OB-7
PETRON PLUS™
FORMULA 7
OCTANE BOOSTER
ON-ROAD
Part No. 55364
GASOLINE DETERGENT/OCTANE BOOSTER

VALVE SEAT RECESSION DATA

- TEST CONDUCTED WITH VERY SEVERE ROVER "A" SERIES ENGINE
- ENGINE SPEED - 5,500 RPM; ENGINE LOAD - MAXIMUM
- TEST SITE - BICERI LABORATORIES, U.K.
- MMT TREATMENT RATE EQUIVALENT TO 2 OZ/GAL OF PETRON PLUS 55364
- RECOMMENDED FOR OFF-ROAD USE ONLY IN ABOVE APPLICATION

PP-ONR-OB-8

Petron Plus Global, Inc. - CONFIDENTIAL
PETRON PLUS™
FORMULA 7
OCTANE BOOSTER
ON-ROAD
Part No. 55364
GASOLINE DETERGENT/OCTANE BOOSTER

VALVE SEAT RECESSION DATA

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- ENGINE SPEED - 5,500 RPM; ENGINE LOAD - MAXIMUM
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- RECOMMENDED FOR OFF-ROAD USE ONLY IN ABOVE APPLICATION

PP-ONR-OB-8A

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PETRON PLUS™
FORMULA 7
OCTANE BOOSTER
ON-ROAD
Part No. 55364

GASOLINE DETERGENT/OCTANE BOOSTER

MMT PROTECTS CATALYST FROM POISONING

P & Zn REDUCTION ON CATALYST FRONT WITH MMT USE

- CATALYSTS ON CARS A-D AGED 75,000 MILES; CAR E AGED 25,000 MILES
- HC CONVERSION AT CATALYST FRONT WAS HIGHER FOR CARS USING MMT

PP-ONR-OB-9

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PETRON PLUS™
FORMULA 7
OCTANE BOOSTER
ON-ROAD
Part No. 55364
GASOLINE DETERGENT/OCTANE BOOSTER

SMOKE/CARBON/PARTICULATES REDUCTION

SMOKE/CARBON REDUCTION vs TREATMENT RATE

PARTICULATE REDUCTION vs TREATMENT RATE

Petron Plus Global, Inc. - CONFIDENTIAL
GASOLINE DETERGENT/OCTANE BOOSTER

NO HARM TESTING

COMPATIBILITY

- COMPLETELY MISCIBLE WITH ALL GASOLINES AND COMMON CARRIERS

VALVE STICKING PERFORMANCE

- PASSES STANDARD AND EXTENDED DKA TESTS AT BOTH 180 AND 360 PPM BY VOLUME OF ACTIVE DETERGENT/INHIBITOR

CORROSION PROTECTION

- PASSES NACE TM 01-72 WITH REFERENCE GASOLINE

WATER SEPARATION

- PASSES ASTM D1094 AT 180 AND 240 PPM BY VOLUME DETERGENT/INHIBITOR