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1. PRODUCT OVERVIEW

BG EPR® Engine Performance Restoration® is a professional-use product formulated to effectively soften and dissolve stubborn deposits from piston rings. This action helps to clean micro passageways within the engine, which is crucial for restoring engine compression, reducing excessive oil consumption, and maintaining the vital hydraulic function of components such as valve train actuators and turbochargers.



Image of the BG EPR Engine Performance Restoration Treatment product can, typically 11 oz (325 mL) in size, featuring the BG logo and product name.

2. SAFETY INFORMATION

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65).

- Always wear appropriate personal protective equipment, including chemical-resistant gloves and eye protection, when handling this product.
- Use in a well-ventilated area to avoid inhalation of fumes.
- Avoid direct contact with skin and eyes. In case of contact, rinse thoroughly with water and seek medical attention if irritation persists.
- Do not ingest. If swallowed, do not induce vomiting. Seek immediate medical attention.
- Keep out of reach of children and pets. Store in a cool, dry place away from direct sunlight and heat sources.
- Dispose of contents and container in accordance with all local, regional, national, and international regulations.

3. SETUP AND PREPARATION

1. Ensure the vehicle's engine is cold or at ambient temperature before beginning the treatment.
2. Verify the current engine oil level is within the manufacturer's recommended range. Do not overfill.
3. Gather all necessary tools and materials: a new engine oil filter, the correct type and quantity of new engine oil, an oil drain pan, a funnel, and appropriate wrenches for oil filter and drain plug removal.

4. OPERATING INSTRUCTIONS

Follow these steps carefully for optimal results:

1. **Add BG EPR:** Pour the entire contents of the 11 oz (325 mL) BG EPR can into the engine's crankcase through the oil fill cap.
2. **Check Oil Level:** After adding BG EPR, ensure the engine oil level remains within the safe operating range.
3. **Run Engine:** Start the engine and allow it to idle at approximately 1200 RPM for 10 to 20 minutes.
Do not drive the vehicle during this treatment period.
4. **Shut Off Engine:** Immediately after the treatment period, shut off the engine.
5. **Drain Oil:** Carefully drain the old engine oil completely into a suitable oil drain pan.
6. **Replace Oil Filter:** Remove the old oil filter and install a new, compatible oil filter according to your vehicle manufacturer's specifications.
7. **Refill with New Oil:** Refill the engine with the manufacturer-recommended type and quantity of new engine oil.
8. **Final Check:** Check the new oil level and top off if necessary. Start the engine briefly to circulate the new oil, then shut off and recheck the oil level. Inspect for any leaks.

5. MAINTENANCE

Regular engine oil and filter changes are fundamental for maintaining engine health and performance. Consult your vehicle's owner's manual for recommended service intervals. While BG EPR is typically used as a pre-oil change treatment, consistent use of quality engine oil and filters will significantly contribute to prolonging engine life and efficiency.

6. TROUBLESHOOTING

- **Oil Pressure Warning Light Illuminates During Treatment:** If the oil pressure warning light illuminates on your dashboard during the BG EPR treatment, immediately shut off the engine. This may indicate that loosened sludge or deposits are potentially restricting oil flow or clogging the oil pump. **Do not drive the vehicle.** Consult a qualified mechanic to inspect the oil pump and oil passages before further operation.
- **No Noticeable Improvement After Treatment:** Ensure all operating instructions were followed precisely. For engines with severe or long-standing deposit buildup, a single treatment may not be sufficient. In such cases, multiple treatments over several subsequent oil changes may be required, or professional mechanical cleaning might be necessary.

7. SPECIFICATIONS

Feature	Detail
Item Model Number	BG-EPR
Item Volume	325 Milliliters (11.0 Fluid Ounces)
Item Form	Liquid
Scent	Original
Specific Uses	Engine Cleaning and Restoration
Manufacturer	BG
Product Dimensions	3 x 3 x 6 inches
UPC	755897083581

8. WARRANTY AND SUPPORT

Warranty information for BG products is typically provided by the manufacturer or authorized distributors. For specific warranty details, technical support, or further inquiries regarding BG EPR Engine Performance Restoration Treatment, please contact BG Products, Inc. directly or consult your local authorized BG service center. Contact information can usually be found on the manufacturer's official website.