

# “Is your engine Protected?”

## Five reasons to use BG MOA



- 1. BG MOA contains higher levels of “balanced additives” that improve all engine oil functions.**  
It’s a *balanced additive package* that brings all *base oil stocks* to proper specifications; however some aftermarket oil products that improve one oil function can often have a negative effect on other oil functions. Through oil analysis, oil additive levels for any oil can be determined and higher *additive reserve levels* can have a positive and lasting effect on all engine oil functions.
- 2. BG MOA maintains engine oil’s “Fuel economy”.**  
Today’s API engine oils are tested more than ever against loss of its fuel economy benefit, more so after 100 hours of normal service. After 100 hours, only a small percentage of fuel economy loss is acceptable to meet specs. This is fine for normal service, however under severe service conditions, high temperatures and heavy loading can cause an engine oil to prematurely oxidize and thicken which can cause unacceptable fuel economy and performance losses. Higher levels of *anti-oxidants* can maintain an oils fuel economy and performance, even under severe service.
- 3. BG MOA prevents engine oil “Indigestion”**  
Engine oil contaminants have to be properly managed in order to prevent saturation. Fuel, alcohol, soot, water, combustion gases and active metals that contaminate oil can create sludge as well as an acidic condition in the engine. This engine oil “indigestion” can cause both mechanical and corrosive wear. Higher levels of *detergents, dispersants and acid neutralizers* are critical in preventing excessive contamination and engine deposits.
- 4. BG MOA maintains “like new” engine specifications.**  
Today’s severe stop and go, high temperature driving can be hard on critical engine parts. Pistons, rings, cylinder walls, camshafts, followers, valves, main and rod bearings and timing chains can wear prematurely without proper oil *thin film strength*. Tighter engine oil clearances dictate thinner oil films, which make it harder to separate moving parts under load. Higher levels of *anti-wear agents* increases thin film strength and maintains a “boundary film” on moving parts preventing excessive heat, metal transfer and engine wear.
- 5. BG MOA comes with free “Lifetime Protection” against engine failure.**  
Typical extended service contracts that offer protection from major component failure are usually nothing more than that, a piece of paper that provides no real benefit to vehicle performance. Investing in a protection plan that *optimizes fluid performance* will, not only minimize operating costs, but offers a practical solution against major component failure. Tests have shown, BG MOA is very effective in preventing engine oil failure, and comes with Lifetime Engine Protection.

**Protect your investment today!**