



SUL-PERM 307

Sulfurized Compound

Lubricity Additive

SUL-PERM 307 is a stable sulfurized, transesterified tri-glyceride containing a unique mixture of poly- and mono-unsaturated, monobasic acids. **SUL-PERM 307** is recommended as a component for enhancement of automotive crankcase and industrial lubricants, including gear oils, gasoline and diesel fuel.

SUL-PERM 307 improves load carrying and anti-frictional properties, as well as exhibiting secondary antioxidant performance, particularly in cross graded oils by action of improved wettability of ring/cylinder surfaces and lowered friction.

SUL-PERM 307 in gasoline at 120 ppm (30 PTB) and 60 ppm (15 PTB), in conjunction with appropriate carburetor dispersant, will contribute fuel economy improvement by lubrication of the upper cylinder via additive transfer from the carburetored fuel/air mixture. Additional fuel economy is derived as the crankcase oil **SUL-PERM 307** content increases, thereby decreasing valve train friction. The chassis dynamometer testing (highway speed/moderate load) of varied mileage passenger cars has demonstrated a consumer recognizable 5-6% fuel economy benefit.

SUL-PERM 307 may be blended using conventional equipment and methods. The usual handling temperature for blending is 140-150°F.

Typical Properties

Property	Result
Total Sulfur, %	6
Copper Corrosion, 10% in oil, 210°F, 3 hrs.	1b
Specific Gravity @ 60°F	.94
Density, lb/gal	7.8
Viscosity @ 210°F, SUS	70
Pour Point, °F	40
Acid Value, mgKOH/g	10
Flash Point, C.O.C., °F	320

The information contained on this data sheet is believed to be reliable. Since the conditions of application and use of our products are beyond our control, no warranty is expressed or implied regarding accuracy of the information, the results obtained from the use of the product, or that such use will not infringe on any patent. This information is furnished with the express condition that you will conduct your own tests to determine the suitability of the product for your particular use. (021113)

LGP-11®, LUBE-BOOSTER®, MAYCO®, PAROIL®, SUL-PERM®, SYN-CHEK®, SYNKAD®, CHLOREZ®, CHLOROWAX 40®, CHLOROWAX 50®, DOVERNOX®, DOVERPHOS®, DOVERPHOS HIPURE®, and DOVERPHOS S-9228® are federally registered trademarks of Dover Chemical Corporation.