

# Gasoline Detergent Additive

## N-1005

### APPLICATION

N1005 is a polybutene-amine based ashless dispersant inhibitor gasoline additive package.

N1005 provides excellent engine protection and cleanliness.

N1005 is specifically designed to maintain and clean-up fouled multi-port fuel injectors, carburetors and remove deposits from intake valves and ports. N1005 is recommended for all grades of gasoline and gasoline containing oxygenates.

N1005 is highly concentrated; it is designed for refinery bulk treatment systems and can be diluted with various solvents for use in retail packaging.

**Dosage:** 200 – 1,100 ppm is the recommended treat rate.

#### Chemical Targets:

**Basic Nitrogen, wt% 0.30**

#### Physical Properties:

|                                    |          |
|------------------------------------|----------|
| Color, ASTM D-1500                 | 2.5 max  |
| Specific Gravity @ 60 °F (15.6 °C) | 0.9000   |
| Viscosity, SUS at 40 °C            | 420      |
| Viscosity, cSt at 40 °C            | 100 min. |
| Flash Point (D-92), °F             | 175      |

|             | KEEP CLEAN | LIGHT CLEAN UP | MEDIUM CLEAN | FULL CLEAN UP |
|-------------|------------|----------------|--------------|---------------|
| ppm in FUEL | 200        | 400            | 700          | 1100          |

