

ENGINE OILS

HiTEC[®] 1255

Dispersant Inhibitor Package



Blended to Formulate Both Diesel and Passenger Car Engine Oils

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Application

HiTEC® 1255 is a dispersant inhibitor package that can be blended to formulate diesel engine oils. This dispersant inhibitor package, when used with our Dispersant OCP VII, HiTEC® 5777, meets API CJ-4, Caterpillar ECF-3, Cummins CES 20081, Detroit Diesel Power Guard 93K218, Mack EO-O Premium Plus 07, MTU 2.1, and Volvo VDS-4. HiTEC® 1255 will also meet the engine performance of ACEA E-9, as well as Mercedes-Benz 228.31 quality level.

For licensing details, please contact your Afton Chemical representative

Recommended Dosage

At the recommended treat rate of 16.2% wt., SAE 15W-40 oils based on HiTEC® 1255 in suitable base stocks meet API CJ-4/SM, as well as the above mentioned performance requirements. In addition, HiTEC® 1255 is backwards compatible to API CI-4+ and older categories for lower tier performance claims. Please contact your Afton Chemical representative for specific recommendations.

Typical Characteristics

Appearance	Dark brown viscous liquid
Density, lbs/gal.	8.04
Flash Point (PMCC) °C	135 min.
TBN, mg KOH/g	60
Specific Gravity @ 15.6°C/15.6°C	0.966
Viscosity @ 100°C, cSt	127

Handling Information

Max Handling Temp: 70°C
 Shelf Life: 3 months @ 45°C
 24 months @ ambient (10-35°C)