Application

HiTEC® 385 premium gear oil additive is designed to maximize the flexibility of blending operations involving automotive, automotive limited slip, commercial gear, industrial gear, greases and other industrial lubricants. This additive has been particularly valuable when used in gear lubricants sold in quick-lube establishments where the performance in a very high number of different makes of vehicles has reduced or eliminated customer concerns such as limited-slip squawk.

Key Performance Benefits

- -Data and approvals in most US base oils
- -Long history of reliable performance
- -Strong foam suppression
- -Soluble in Group I and II base stocks
- -Excellent handling and pump-ability

Typical Characteristics

Appearance: Clear amber liquid
Specific Gravity @ 15.6/15.6°C: 1.027
Density, lbs/gal.: 8.55
Viscosity @ 100°C, cSt: 15
Flash Point, °C: 82 min.

Handling Information

Max Handling Temp: 40°C
Shelf Life: Up to 12 months @ 25°C

Recommended Dosage

Automotive	
7.5% weight (6.5% volume)	• API Service GL-5, MT-1 • Arvin Meritor 076-D (SAE 80W-90), 076-A (SAE 85W-140) • Ford WSP-M2C197-A (SAE 80W-90) • Drain-and-fill or Top-off limited-slip service • Axle wear protection under the high temperature conditions demanded by passenger car OEMs for towing and off-road applications • Mack GO-J* • SAE J2360 (Formerly MIL PRF-2105E)*
3.8% weight (3.3% volume)	API Service GL-4 (now obsolete)
500,000 mile Drain Heavy Duty Applications (HiTEC® 355)	• Arvin Meritor 0-76Q • Mack GO-J • SAE J 2360 (Formerly MIL PRF-2105E) • API GL-5 and API MT-1

*Please contact your Afton Chemical representative concerning specific base oils which have been approved.

Industrial	
2.0% weight (1.7% volume)	• AIST 224 (Formerly US Steel 224) • AGMA 9005-E02 • Cincinnati Machine • DIN 51517:3 • Cleanliness performance in oxidation tests

2.5% Lithium Complex Grease		
Worked Penetration (60x)	D217	280
Four-Ball Wear, mm (1200 RPM, 75C, 40 kg, 1hr)	D2266	0.4
Four-Ball Weld, kfg	D2596	315
EMCOR, 5% Synthetic Seawater	D6138	0