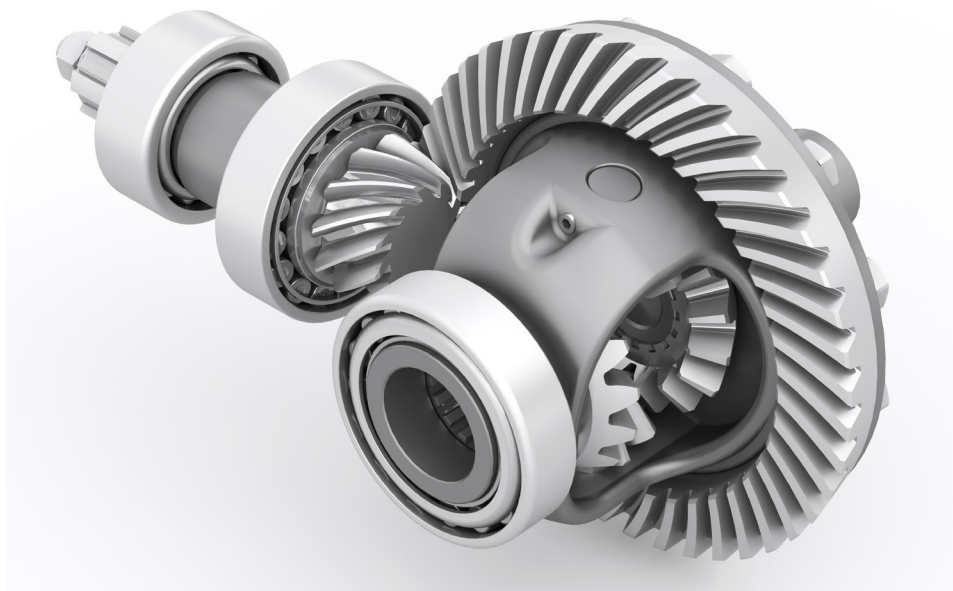


DRIVELINE

HiTEC[®] 33300

Top Tier Gear Axle Additive



For Use in Extended Drain & Top Tier Applications



HiTEC® 33300 Top Tier Gear Axle Additive

For Use in Extended Drain & Top Tier Applications

Application

HiTEC® 33300 gear oil additive is a multi-OEM automotive gear oil additive for use in commercial vehicle, light-duty, and heavy-duty axles across the globe. HiTEC® 33300 meets today's demanding OEM requirements, increased fluid longevity, better parts protection, improved materials compatibility, and better oxidative and thermal performance.

Finished fluids properly formulated with HiTEC® 33300 meet the following specifications and approvals:

- API GL-5 and MT-1
- SAE J2360 (MIL-PRF-2015E)
- Mack GO-J
- Meritor O-94

Key Performance Benefits

- Newly patented antiwear system to increase parts durability
- Single, 8.5% wt. treat rate for mineral and synthetic formulations
- Effectively inhibits oxidation increasing fluid longevity and thermal durability
- Robust EP system designed to deliver higher performance under heavy loads and high temperatures
- Excellent seal and soft metal compatibility

Typical Characteristics

Appearance	Clear amber liquid
Specific Gravity @ 15.6/15.6°C	0.992
Density, lbs/gal.	8.3
Viscosity @ 100°C, cSt	4.6
Flash Point, °C (PMCC)	80 min.

Handling Information

Max Handling Temp: 40°C
Shelf Life: Up to 24 months @ ambient

Treat Rate & Claims

Product	Treat Rate Wt% (Vol%)	Axe Specs										Manual Trans Specs		
		API GL-5	China GB 13895	Mack GO-J	Meritor O-94	SAE J2360	Volvo STD 1.0	ZF TE-ML-05A, 07A, 08, 12B, 12F	500,000 mile drain capable	API GL-3	API GL-4	API MT-1		
HiTEC® 33300	8.5% (7.3%)	2	2	1	1	1	1	1	1	1	1	1	2	
HiTEC® 33300	4.3% (3.5%)												2	
HiTEC® 33300	3.8% (3.4%)												3	

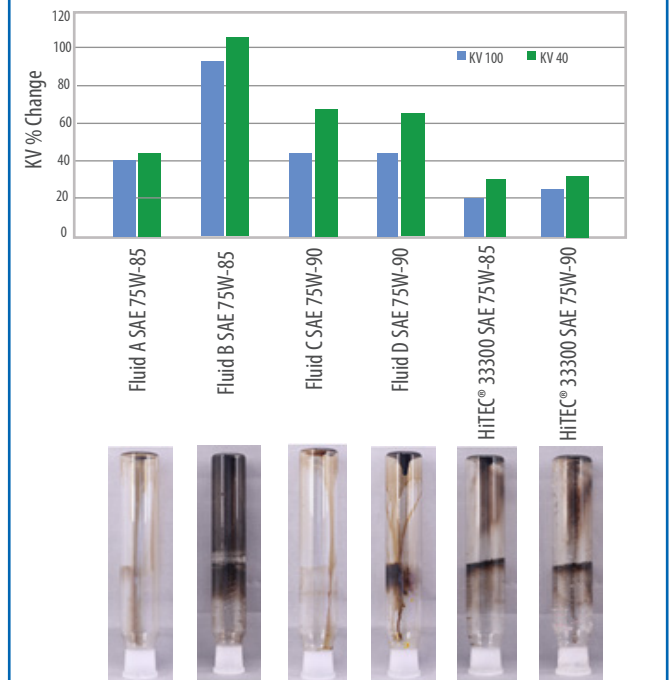
● Approvable ● Meets requirements ● Suitable for use 1 Formal approval 2 Self-certifying 3 Obsolete

* Finished fluid approvable; Please consult Afton CTS for formulations or approval process.

© 2023. Afton Chemical Corporation is a wholly owned subsidiary of NewMarket Corporation (NYSE:NEU). HiTEC® is a trademark of Afton Chemical Corporation. 10/23

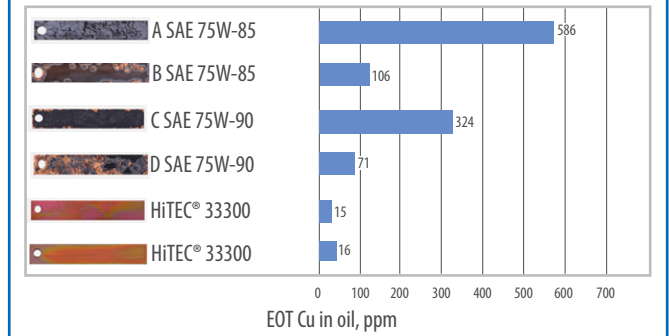
The information in this bulletin is, to our best knowledge, sure and accurate, but all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control. Afton Chemical Corporation and its affiliates disclaim any liability incurred in connection with the use of these data or suggestions. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.

DKA Oxidation 150°C / 192 hours



DKA Oxidation CEC L-48-A, HiTEC® 33300 demonstrates excellent viscosity control post-oxidation in comparison to other competitive fluids. When formulated properly HiTEC® 33300 gear additive increases finish fluid longevity and durability.

Cu Corrosion-Soluble Cu in Oil 120°C / 168 hours



Cu-corrosion Soluble Cu in Oil (168 hours), The careful balance of sulfur-containing EP agents demonstrates excellent soft metal compatibility without compromising HiTEC® 33300 robust extreme pressure performance.

