

DRIVELINE

HiTEC[®] 343

Multi-functional Gear Oil Additive Package



Standard Tier, for Axles, Transmissions and Industrial Use. With ZF and MAN Approvals

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Key Performance Benefits

HiTEC® 343 additive is a multi-functional gear oil additive. HiTEC® 343 additive delivers:

- Automotive and Industrial performance
- Lower treat-rate at each application
- Unique MAN and ZF approval - MAN 342 M2 (160,000km), ZF TE-ML 12E (bus axles)
- Inventory control through it's multi-functionality

Typical Characteristics

Appearance:	Clear yellow liquid
Density at 15°C, g/ml:	1.080
Density, lbs/gal.	9.01
Specific Gravity at 15.6/15.6°C	1.082
Flash Point, °C (PMCC):	76 min.
Kinematic Viscosity at 100°C, mm ² /s:	9.0

Handling Information

Max Handling Temp: 65°C
 Shelf Life: 24 months at ambient temperature
 6 months at 40°C

Recommended Dosage

Automotive	
4.4% wt.	API GL-5 (eqv. MIL-L-2105D) MAN 342 M2 (160,000 km. drain) ZF TE-ML 05A, 7A, 12E, 16B, C & D, 17B, 19B, 21A, Volvo STD 1273,1
2.2% wt.	API GL-4
Industrial	
1.5% wt.	AIST 224, David Brown S1.53.101(E) AGMA 9005-F16 (AS), DIN51517 Part III (2018), ISO 12925-1 CKD (2018), JIS K 2219:2006 (Class 2), Key requirements of GB5903-2011 (CKD)
0.1-1.0% wt.	General EP/antiwear component

Treat-rate may vary depending on base stock.

Approvals

Product	API GL-5	Industrial	MAN 342 M1	MAN 342 M2	Scania STO 1-0	ZF TE-ML 05A	ZF TE-ML 07A	ZF TE-ML 08	ZF TE-ML 12E	ZF TE-ML 16B-D	ZF TE-ML 17B	ZF TE-ML 19B	Volvo STD 1273,1	API GL-4	API MT-1
	Rear Axle Specifications												MT Specifications		
HiTEC 343	2	2	1	1	1 ⁺	2	2	1	1	1	1	1	1	2	2 ⁺

Product Status

- Approved
- Meets Requirement
- Suitable for Use

Specification Status

- 1 Formal Approval
- 2 Self Certifying

Notes

- + Top treat required