

DRIVELINE

## HiTEC<sup>®</sup> 343

Multi-functional Gear Oil Additive Package



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

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Getting into Gear™ 

### 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
- Can be boosted from Axcel® S with 0.6% wt. AB6

### 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
2.2% wt.	API GL-4
Industrial	
1.5% wt.	AISE 224, David Brown S1.53.101(E) AGMA 9005-F16 (AS) and strong FAG FE-8 performance
0.1-1.0% wt.	General EP/antiwear component

Treat-rate may vary depending on base stock.

### 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, mm²/s:	9.0

### Approvals

Product	Rear Axle Specifications											MT Specifications			
	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 1273.10	API GL-4	API MT-1
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

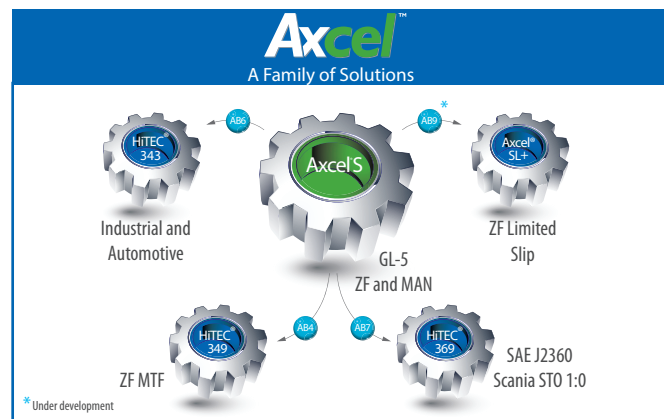
#### Notes

- \* Top treat required

### Axcel® Family Benefits

The new Axcel® family of core and additive boosters offers:

- Top treats to a range of applications at competitive treat-rates
- Reduced inventory control
- Improved plant utilisation
- Flexibility to meet peak demand
- Security and confidence from a product in a family of gear additives with an extensive history of trouble-free performance worldwide



### Handling Information

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