

# DRIVELINE

## **HiTEC® 381**

**Automotive Gear Oil Additive Package**



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

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Getting into Gear™ 

### Key Performance Benefits

HiTEC® 381 additive has been designed to meet OEM requirements for commercial vehicles. HiTEC® 381 additive has demonstrated unique frictional properties and superior anti-wear protection allowing extended drain capability.

HiTEC® 381 additive provides:

- Improved axle efficiency and fuel economy due to significantly lower operating temperatures
- Improved pitting performance resulting in longer equipment life and extended drain
- Lower chlorine (13ppm vs 44ppm) and less odour
- Improved oxidation performance
- Better seals performance
- 50%+ higher drain interval
- MTF and TDL capability when boosted with HiTEC® 382 additive

### Recommended Dosage

Automotive	
7.5% wt.	API GL-5 (MIL-L-2105D), MB 235.6, ZF TE-ML 07, 08, MAN 342 M2, Volvo 1273.10, Iveco, Eaton
3.75% wt.	API GL-4, MB 235.5, ZF TE-ML 02B, 08, MAN 341 Z2, Iveco, Eaton (Plus 0.3% wt. HiTEC® 382 additive)
9.0-10.5% wt.	TDL capability (Plus 0.5% wt. HiTEC® 382 additive in mineral-synthetic formulations)

Treat-rates may vary depending on base stocks.

### Approvals

		API GL-5 MAN 342 M1 MAN 342 M2 ZF 07A ZF 08 ZF 16B-D ZF 17B ZF 19B ZF 21A MB 235.6 Scania STO 1.0 Volvo 1273.10  API GL-4 MAN 341 Z1 MAN 341 Z2 ZF 02A ZF 02B ZF 16A ZF 17A MB 235.5																				
HiTEC® 381	Axle				3	3																
	MTF		1	1	1,2	1	1	1	1	1	1											

● Suitable for use

● Have approval

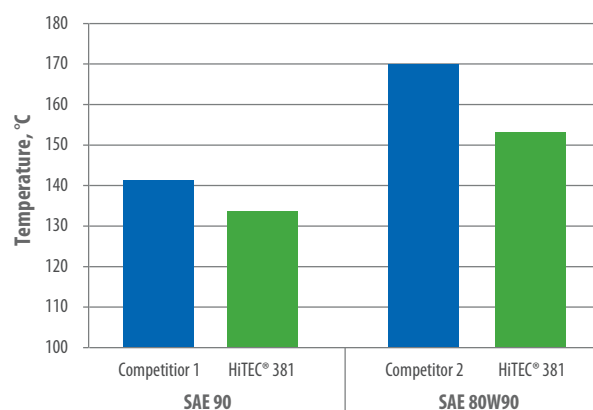
● Seeking approval

<sup>1</sup> Requires top treat

<sup>2</sup> Spec now deleted

<sup>3</sup> ZF do not list approved product for these specifications

### HiTEC® 381 Delivers Lower Operating Temperatures



### Typical Characteristics

Appearance:	Clear dark amber liquid
Density @ 15°C, g/ml:	1.004
Density, lbs/gal:	8.38
Specific Gravity @ 15.6/15.6°C:	1.006
Flash Point, °C (PMCC):	85 min.
Kinematic Viscosity @ 100°C, mm²/s:	9.3

### Handling Information

Max Handling Temp: 40°C

Shelf Life: 12 months @ ambient temperature