

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.

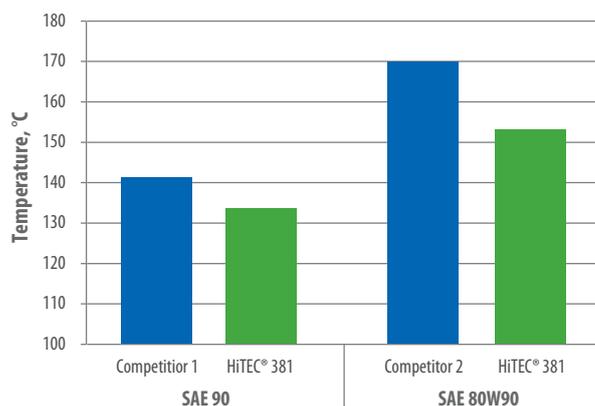
Approvals

HiTEC® 381	Axle	API GL-5	MAN 342 M1	MAN 342 M2	ZF 017A	ZF 08	ZF 16B-D	ZF 17B	ZF 19B	ZF 21A	MB 235.6	Scania STO 1-0	Volvo 1273.10	MTF	API GL-4	MAN 341 Z1	MAN 341 Z2	ZF 02A	ZF 02B	ZF 16A	ZF 17A	MB 235.5	
		●	●	●	● ³	● ³	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

● Suitable for use ● Have approval ● Seeking approval

¹ Requires top treat ² Spec now deleted ³ 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, mm ² /s:	9.3

Handling Information

Max Handling Temp: 40°C
Shelf Life: 12 months @ ambient temperature