DRIVELINE





Standard Tier, for Axles and Transmissions, with ZF and MAN Approvals







Axcel[®] S Automotive Gear Oil Additive Package



Standard Tier, for Axles and Transmissions, with ZF and MAN Approvals

Key Performance Benefits

Axcel® S additive is an automotive only gear oil additive that offers strong performance at a highly competitive treat-rate. Axcel® S additive provides:

- Low treat-rate for GL-5, ZF and MAN performance
- MAN and ZF approval MAN 342 M2 (160,000km), ZF TE-ML 12E (bus axles)
- Demonstrates excellent cleanliness due to its strong oxidative performance
- Unique 'booster' approach for MB, Scania, MTF and MIL-E approvals; Industrial and Top Tier performance



Competitor

Axcel[®] S

Recommended Dosage

Automotive	
4.0% wt.	API GL-5 (eqv. MIL-L-2105D), MAN 342 M2 (160,000 km drain), ZF TE-ML 05A, 7A, 08, 12E, 16,B, C & D, 17B, 19B, 21A, NATO 0-226
2.0% wt.	API GL-4

Treat-rates may vary depending on base stock.

Approvals

6 months at 40°C 4 Rear Axle Specifications Product **MT** Specifications Axcel[®] S 22 1 2 0 0

Product Status

Specification Status



- 1 Formal Approval 2 Self Certifying 3 Obsolete
- * Finished Fluid

Notes

Top treat required

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Axcel[®] A Family of Solutions

The 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



Typical Characteristics

Appearance:	Clear Yellow Liquid
Density at 15°C, g/ml:	1.098
Flash Point (PMCC), °C:	92
Kinematic viscosity at 100°C, mm²/s:	8.4 cSt
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Handling Information

Max Handling Temp: 65°C Shelf Life: 24 months at 25°C

