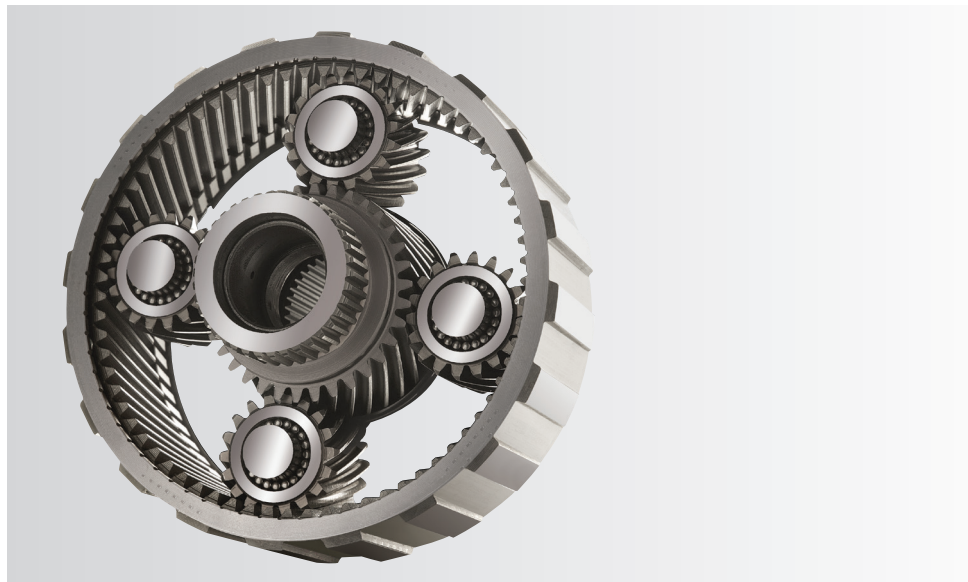


DRIVELINE

HiTEC[®] 2414 ATF Additive Package



From TASA to IIIH Using a Single Additive

HiTEC® 2414 ATF Additive Package

From TASA to IIIH Using a Single Additive

Automatically First™ 

Key Performance Benefits

HiTEC® 2414 additive package is a unique single additive solution providing TASA to IIIH performance, allowing oil companies to rationalise their inventories and simplify their logistics. HiTEC® 2414 additive package provides additional customer benefits in terms of:

- Compatibility in a wide range of base stocks
- Friction retention, improving clutch durability
- Load carrying and oxidation performance, which extends fluid life and provides transmission protection
- Approvals from all the major commercial vehicle AT manufacturers (ZF, Voith, Allison)
- Core technology approvals by MB, ZF, VW & BMW for passenger car applications

Typical Characteristics

Appearance:	Dark brown viscous liquid
Density at 15°C, g/ml:	0.92
Flash Point (PMC), °C:	105 min
Kinematic Viscosity at 100°C, mm ² /s:	185

Handling Information

Max Handling Temp: 80°C
Shelf Life: 18 months

Recommended Dosage

HiTEC® 2414 is recommended for use at a treat-rate of 11.9% wt. for Ford and GM vehicles of model years 2006 and earlier and the major European OEM performance requirements. Please contact your Afton Chemical representative for specific recommendations.

Approvals



● original approval possible ● formerly approved, approvals not possible
● suitable for use ● meets requirements, approvals not possible

* Ford and GM vehicles of model years 1990 and earlier. ** Ford and GM vehicles of model years 2003 and earlier. *** Ford and GM vehicles of model years 2006 and earlier.

Afton Product Comparison

Performance	Benefit	Economic		Standard		Premium			Top
		HiTEC® 410	HiTEC® 419	HiTEC® 429	HiTEC® 2414	HiTEC® 481	HiTEC® 2018	HiTEC® 4014	HiTEC® 4006
Oxidative stability	Fluid life, lower parts wear	Good	Good	Better	Better	Better	Better	Best	Best
Friction durability	Fluid life	Good	Good	Better	Better	Better	Best	Best	Best
Shear stability	Lower parts wear	Good	Better	Better	Better	Best	Better	Best	Best
Low temp. performance	More efficient cold-starting	Good	Good	Better	Better	Best	Better	Best	Better
Treat-rate	Fluid cost	Best	Best	Better	Better	Good	Good	Good	Good
Range of OEM specs	Inventory, logistics	Good	Good	Better	Best	Best	Good	Good	Better

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