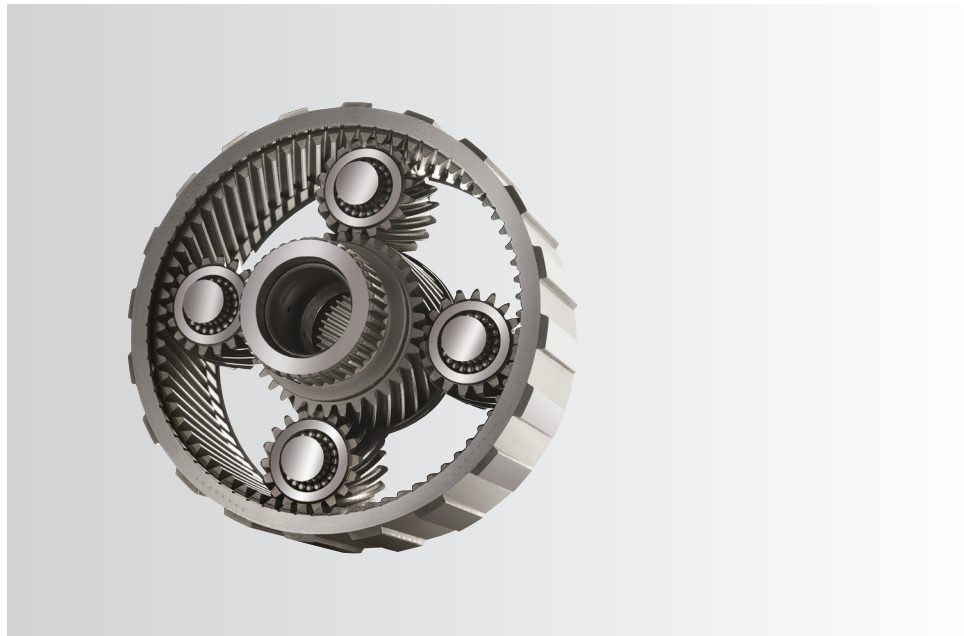


DRIVELINE

HiTEC[®] 410

ATF Additive Package



Economic Tier, for Passenger Car and Commercial Vehicle Applications

HiTEC® 410 ATF Additive Package

Economic Tier, for Passenger Car and Commercial Vehicle Applications

Automatically **First**™



Key Performance Benefits

HiTEC® 410 additive package is the most field-proven in Afton's ATF range, with over 25 years of use in the field without problems.

HiTEC® 410 provides customer benefits in terms of:

- Good friction durability performance
- Good oxidative stability leading to longer fluid life and improved wear protection
- Excellent corrosion protection

Fluids formulated with HiTEC® 410 can also be used in hydraulic and power steering systems.

HiTEC® 410 additive is also available with the addition of red dye as HiTEC® 410R additive.

Recommended Dosage

The recommended treat rate for HiTEC® 410 additive is 10.2% wt. in good quality base stocks for conventional Automatic Transmission Fluid applications. It can also be used at a reduced treat-rate of 5.1% wt. for lower performance level applications satisfied by Type A Suffix A (TASA) fluids. Please contact your Afton Chemical representative for specific recommendations.

Typical Characteristics

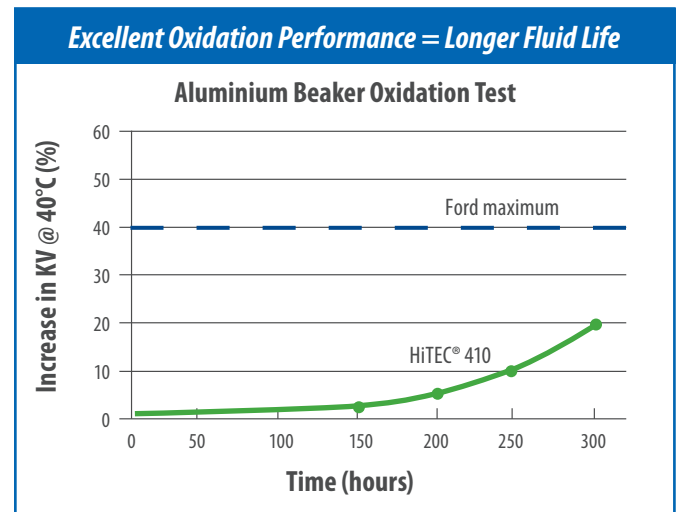
Appearance:	Dark brown viscous liquid
Density at 15°C, g/ml:	0.903
Flash Point, °C (PMCC):	105 min
Kinematic Viscosity at 100°C, mm ² /s:	185

Handling Information

Max Handling Temp: 65°C
Shelf Life: 24 months at 45-50°C

Afton Product Comparison

Performance	Benefit	Economic	Standard			Premium			Top
		HiTEC® 410	HiTEC® 419	HiTEC® 429	HiTEC® 2414	HiTEC® 481	HiTEC® 2018	HiTEC® 4014	HiTEC® 3491LV
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



Approvals

Product	ATF Specifications
ALLISON TES-228 [C-4]	
Ford Pre-2005 ^μ	
GM IID, ^Ω IIE ^λ	
TASA	
VOLVO CE-97340	
ZF TE-ML 05L, 21L	
ZF TE-ML 09	
HiTEC® 410	3[†] 3[†] 3[†] 3 3 2 2

Product Status

● Meets Requirement

Specification Status

1 Formal Approval
2 Self Certifying
3 Obsolete

Notes

Ω For GM vehicles of Model Years 1990 and earlier
λ For GM vehicles of Model Years 1993 and earlier
μ For Ford vehicles of Model Years 2005 and earlier
† Formerly approved