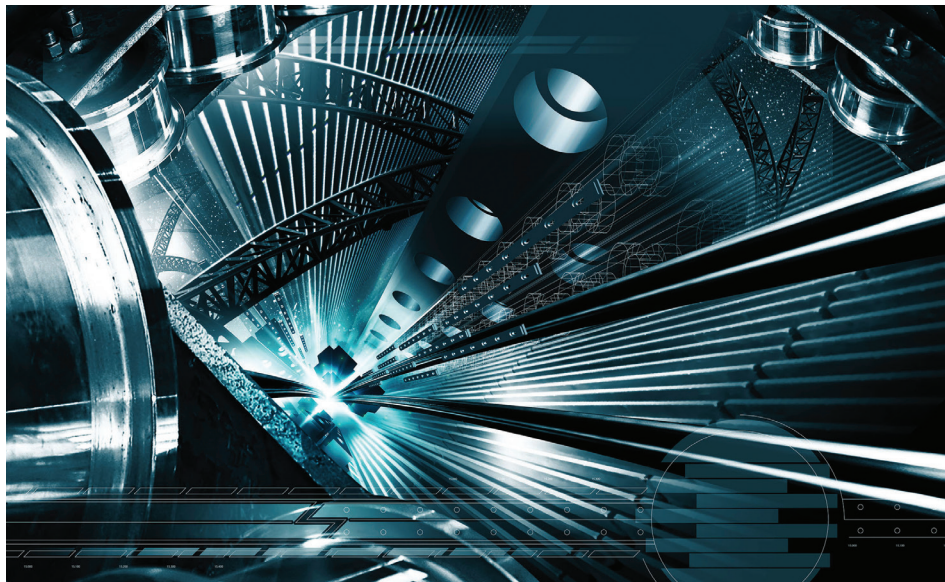


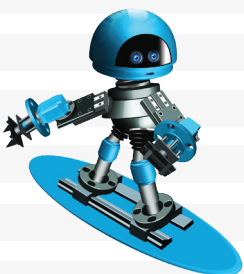
INDUSTRIAL | SLIDEWAY

HiTEC[®] 5091M

Slideway Oil Additive Package



Multifunctional Additive That Delivers Excellent Frictional and Cutting Fluid Performance, Even in the Most Extreme Cutting Fluids



 **Afton[®]**
CHEMICAL
Passion for Solutions[®]



HiTEC® 5091M Slideway Oil Additive Package

Multifunctional Additive That Delivers Excellent Frictional and Cutting Fluid Performance, Even in the Most Extreme Cutting Fluids

Key Performance Benefits

HiTEC® 5091M additive is an ashless, multifunctional additive for the formulation of premium performance slideway oils, hydraulic fluids and industrial gear lubricants.

HiTEC® 5091M additive enables the formulation of oils with outstanding cutting fluid compatibility and imparts wear, oxidation and corrosion resistance to lubricants. The incorporation of a highly effective friction modifier ensures the correct frictional characteristics for machine tool slideway performance. The product has a mild odour.

HiTEC® 5091M additive benefits include:

- Outstanding cutting fluid compatibility
- Excellent frictional characteristics
- Potential for energy savings
- Lubricant user benefits resulting from reduced inventories
- Multifunctional performance slideway, hydraulic and industrial gear applications
- Hydraulic performance which includes excellent wet/dry filterability and Brugger performance to meet the hydraulic requirement of Müller Weingarten
- Approved against former Fives P-47, P-50 and P-53 specifications

Recommended Dosage

The recommended dosage for HiTEC® 5091M additive is 2.25% wt. Where tackiness is required, the addition of HiTEC® 151 or HiTEC® 152 is recommended. Treat-rate may vary depending on base stock. Please contact your Afton Chemical representative for specific recommendations.

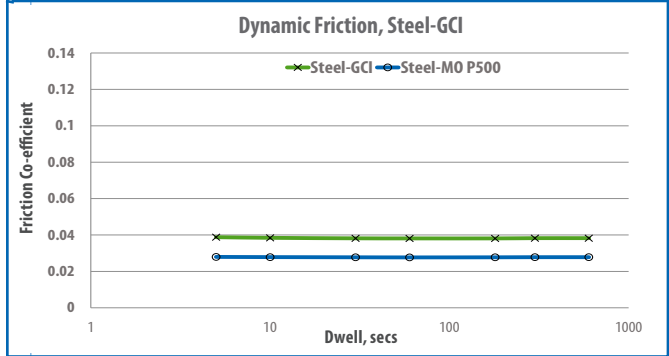
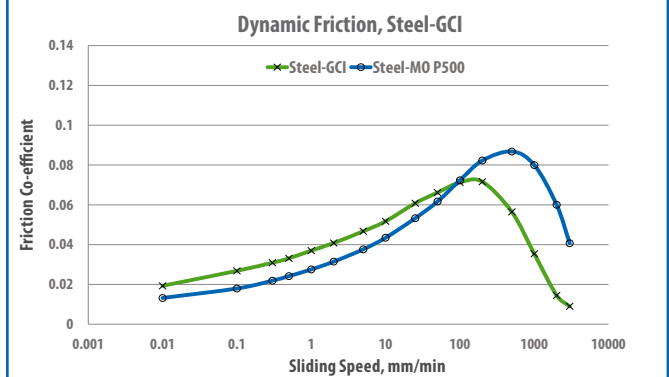
Typical Characteristics

Appearance:	Brown oily liquid
Density at 15°C, g/ml:	0.962
Flash Point, °C (PMCC):	75 min.
Viscosity at 40°C, cSt:	44

Handling Information

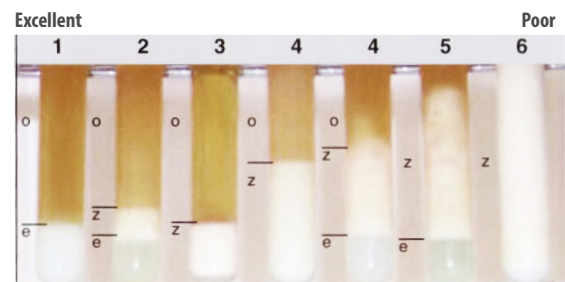
Recommended Handling Temp: 40°C
Shelf Life: 12 months at ambient temperature

HiTEC® 5091M Additive Delivers Excellent Frictional Performance



HiTEC® 5091M Additive Delivers Outstanding Cutting Fluid Compatibility

SKC Coolant Separation Test Rating



Cutting Fluid	1 Hour	1 Day	1 Week
Metacool BLU1 EP	4	2	1
Blasocut 2000 CF	1	1	1
HiSpeed 400 FF	2	1	1
Mobilcut 140	2	1	1
Ecocool Global 10 Plus	1	1	1
Ecocool Ultra-motive	1	1	1
Hebrolub 923 LS	1	1	1
Bonderitel-MR21972	1	1	1
Hocut M 724	4	2	2
Novamet 900	1	1	1
Rhenus FU 750	1	1	1
Sitala A 400	1	1	1