

# INDUSTRIAL

## HiTEC<sup>®</sup> 5091

Slideway Oil Additive Package



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

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### Key Performance Benefits

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

HiTEC® 5091 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® 5091 additive benefits include:

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

### Recommended Dosage

The recommended dosage for HiTEC® 5091 additive is 2.25% wt. Where tackiness is required, the addition of HiTEC® 151 additive at up to 2.0% wt is recommended. Treat-rate may vary depending on base stock. Please contact your Afton Chemical representative for specific recommendations.

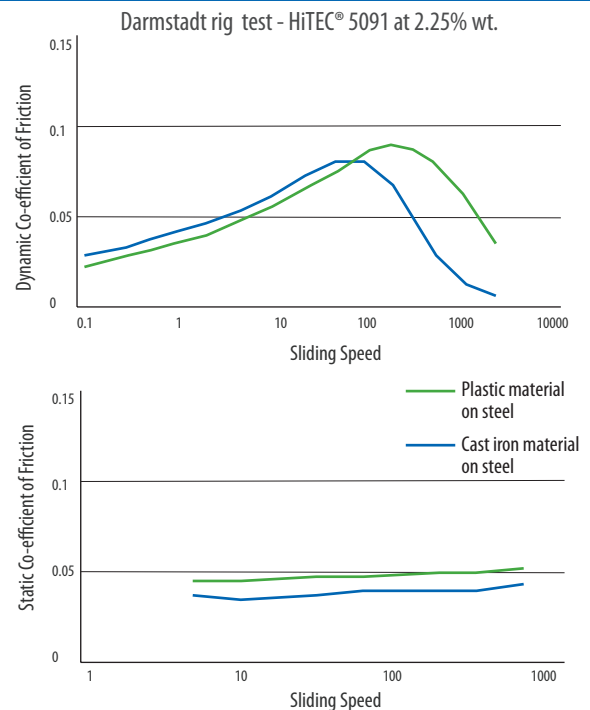
### Typical Characteristics

Appearance: Brown oily liquid  
 Density at 15°C, g/ml: 0.970  
 Flash Point, °C (PMCC): 75 min.  
 Viscosity at 40°C, mm<sup>2</sup>/s: 52

### Handling Information

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

### HiTEC® 5091 Additive Delivers Excellent Frictional Performance



### HiTEC® 5091 Additive Delivers Outstanding Cutting Fluid Compatibility

SKC Coolant Separation test Rating

Excellent 1 2 3 4 4 5 6 Poor

Cutting Fluid	1 Hour	1 Day	1 Week
Sarol 471 EP	1	1	1
Avilube Matacool BLU	2	1	1
Blasocut 200 CF	1	1	1
Syntilo RX	2	1	1
Cimstar MB 603	2	1	1
Kutwell BR 40	2	1	1
Multan 97-10 D	1	1	1
Hocut M 724	1	1	1
Mobilcut 151	2	1	1
Unimet AS 220 R	2	1	1
R-Cool-S	1	1	1
Adrana A 401	1	1	1