INDUSTRIAL SLIDEWAY

HITEC® 510A Slideway Oil Additive Package



Multifunctional Additive Delivering Excellent Frictional and Cutting Fluid Performance







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Key Performance Benefits

HiTEC[®] 510A additive is an ashless, multifunctional additive for the formulation of premium performance slideway oils and hydraulic fluids. HiTEC[®] 510A 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.

When blended with suitable base stocks, ${\rm HiTEC}^{\circ}$ 510A additive benefits include:

- Outstanding cutting fluid compatibility
- Excellent frictional characteristics
- Potential for energy savings
- Lubricant user benefits resulting from reduced inventories
- Multifunctional performance for slideway and hydraulic applications
- Meets Fives stick-slip requirement

Recommended Dosage

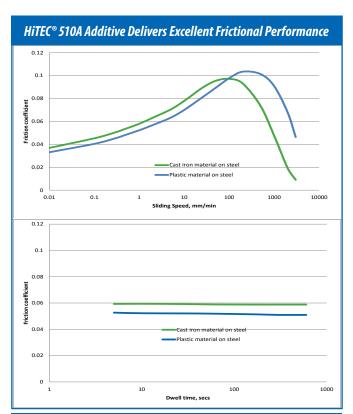
The recommended dosage for HiTEC[®] 510A additive is 2.25% wt. Where tackiness is required, the addition of HiTEC[®] 151 or HiTEC[®] 152 additive at up to 2.0% wt. is recommended. Treat-rate may vary depending on base stock. Please contact your Afton Chemical representative for specific recommendations.

Typical Characteristics

Appearance: Flash Point, °C (PMCC): Viscosity at 40°C, mm²/s: Brown oily liquid 75 min. 55

Handling Information

Max Handling Temp: 40°C (104°F) Shelf Life: 12 months at 10-30°C



HITEC[®] 510A Additive Delivers Outstanding Cutting Fluid Compatibility

SKC Coolant Separation Test Rating Excellent Poor 2 3 4 5 1 0 0 0 7 ē ē **Cutting Fluid** 1 Hour 1Weel 1 Day Sarol 471 EP Avilube Matacool BLU 2 Blasocut 200 CF Hysol 30FF HiSpeed 400 Hebrolub 923 LS Multan 97-10 Hocut M 724 Mobilcut 140 Novamet 900 Λ Rhenus FU 750 1 Sitala A400

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