

INDUSTRIAL | TURBINE

HiTEC[®] 55600

Mainstream Turbine Additive Package



High Performance Turbine Oil Additive Package with
Extended Water Separation for Use in Simple and Combined
Cycle, Gas & Steam Turbines



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



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Application

HiTEC® 55600 is a mainstream ashless additive package with enhanced demulse retention for use in turbine applications. HiTEC® 55600 contains a synergistic antioxidant system which will impart extended oxidation life delivering outstanding demulsification performance and turbine oil life.

Key Performance Benefits

- Formulated to give excellent water separation properties (IP19 and ASTM D1401)
- Extended oil drain interval resulting in reduced disposal costs
- Improved sludge and varnish deposit control for reduced downtime and maintenance costs.
- Robust rust and corrosion performance delivering maximized equipment life
- Soluble in Group I, II, and III base oils

Recommended Dosage

Recommended treat rate for HiTEC® 55600 additive is 0.6% wt in suitable basestock. Please contact your Afton Chemical representative for specific recommendations.

Typical Characteristics

Appearance	Amber
Specific Gravity at 15.6/15.6°C	0.981
Flash Point (PMCC), °C	93 min.
Kinematic Viscosity at 40°C, mm ² /s	14

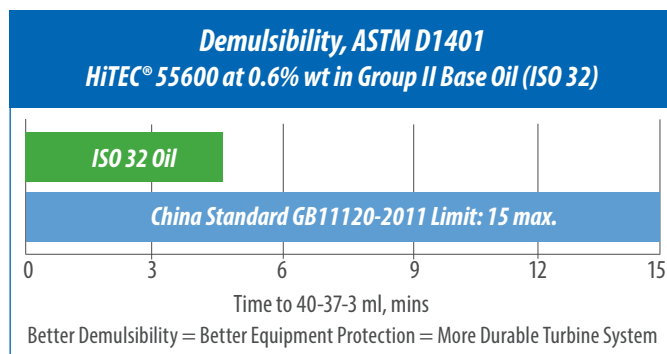
Handling Information

Max Handling Temp: 80°C
Shelf Life: 24 months at ambient temperature

Performance Profile

Oils blended in suitable base stocks with HiTEC® 55600 at 0.6% wt are capable of meeting the following specifications:

- Siemens TLV 9013 04 (non-EP)
- Siemens TLV 9013 05 (non-EP)
- GE Power HTGD 90 117 V0001 Z (non-EP)
- GE Power GEK 32568K, 46506E, and 121608
- GB 11120-2011 L-TSA, L-TGA
- DIN 51515 Parts I & II
- British Standard 489:1999



Wet Filterability, ISO 13357-1
HiTEC® 55600 at 0.6% wt in Group II Base Oils

Test	Results			Limit GB 11120-2011 ISO 8068:2009
Blend & Viscosity Grade	ISO 32	ISO 46	ISO 68	
Wet Filterability (ISO 13357-1)				
F I, %	86.9	91.9	91.7	50 min.
F II, %	75.6	82.6	83.4	50 min.

