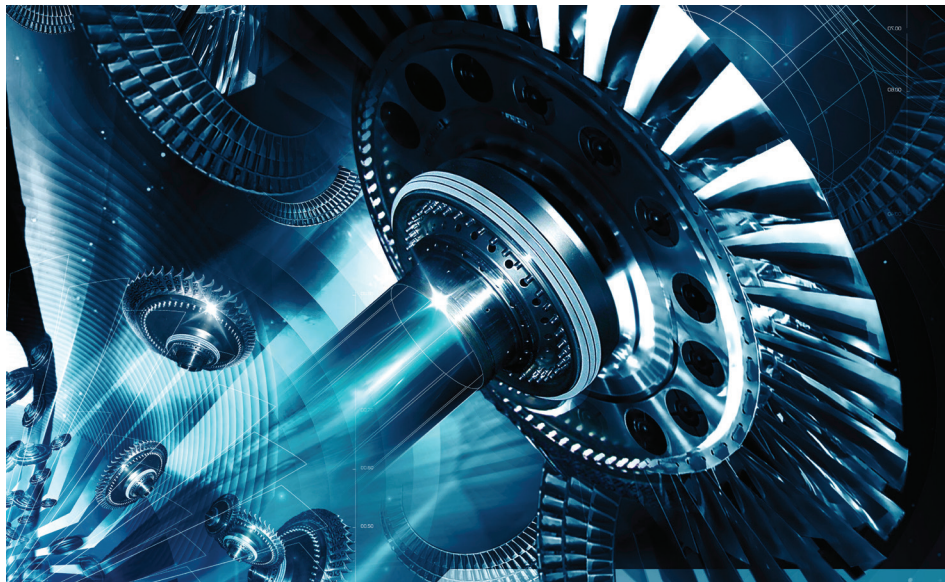


INDUSTRIAL | TURBINE

HiTEC[®] 2607

Mainstream Turbine Additive Package



High Performance Phenolic Free Turbine Oil Additive Package
for use in open and combined cycle, gas and steam turbines



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



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High Performance Phenolic Free Turbine Oil Additive Package for use in open and combined cycle, gas and steam turbines

Application

HiTEC® 2607 ashless additive is intended for use in mainstream turbine oil applications and contains a patented phenolic-free antioxidant system which will impart extended oxidation life in Group I and II base stocks. This technology is designed to give superior demulsification performance and turbine oil life.

HiTEC® 2607 is soluble in Group I, II and III base stocks.

Key Performance Benefits

- Primarily designed for use in hydrotreated base stocks giving excellent oxidative stability and good sludge control leading to longer fluid service intervals and a reduction in varnish related equipment failures and down time
- Formulated to give excellent water separation properties for fresh oils and also oils which have been thermally aged to replicate in-service conditions
- Robust rust and anti corrosion performance for maximum equipment protection
- Includes silicon-free antifoam for excellent foam control, resulting in reliable operation

Recommended Dosage

Recommended treat rate for HiTEC® 2607 additive is 0.47% wt. in suitable base oils. For Compressor applications the recommended treat rate is 0.62%wt. in suitable base oils. For geared turbine applications, Afton recommends the use of HiTEC® 511T at approximately 200ppm depending on base oil composition and antiwear requirement. Please contact your Afton Chemical representative for specific recommendations.

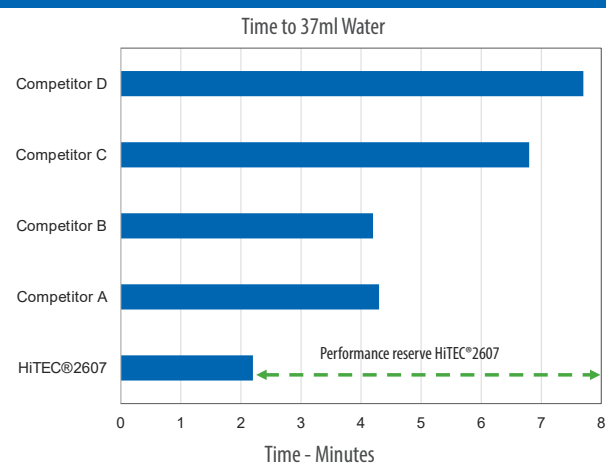
Typical Characteristics

Appearance:	Dark brown liquid
Specific Gravity @ 15.6/15.6°C:	0.989
Flash Point, °C (PMCC):	95 min.
Kinematic Viscosity at 40°C, mm ² /s:	26

Handling Information

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

HiTEC®2607 Demonstrated Superior Water Separation in ASTM D1401 Test



Performance Profile

Correctly formulated oils using HiTEC® 2607 are capable of meeting the following specifications:

- Siemens TLV 9013 04 (non-EP)
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- ALSTOM HTGD 90 117 V0001Y (non-EP)
- GEK 27070, 28143B, 32568K and 46506E
- DIN 51515 Parts I & II
- Primetals Technologies' MORGOL® Lubricant Specification - MORGOL® Advanced Lubricant New Oil Revision 2.5a
- AIST 120 and AIST 125
- AGMA 9005-F16 (R&O)
- British Standard BS489

MORGOL® is a registered trademark of Primetals Technologies