

INDUSTRIAL | TURBINE

HiTEC[®] 2597

Circulating Oil Additive Package



Circulating Oil Additive Package for use in industrial applications



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



HiTEC® 2597 Circulating Oil Additive Package

Circulating Oil Additive Package for use in industrial applications, including MORGOIL® Advanced Lubricant applications

Application

HiTEC® 2597 ashless additive is intended for use in circulating and other oil applications calling for R&O inhibited oils. These include bearings, gears without the need for extreme-pressure protection, and low pressure hydraulic systems without the need for anti-wear protection. This technology is designed to give superior demulsification performance.

HiTEC® 2597 is soluble in Group I, II and III base stocks.

Key Performance Benefits

- Primarily designed for circulating & bearing oil applications, including those in water contaminated environments
- Robust rust and anti corrosion performance for maximum equipment protection
- Good oxidative stability
- Includes silicon-free antifoam for excellent foam control, resulting in reliable operation

Recommended Dosage

Recommended treat rate for HiTEC® 2597 additive is 0.40% wt. in suitable base oils.

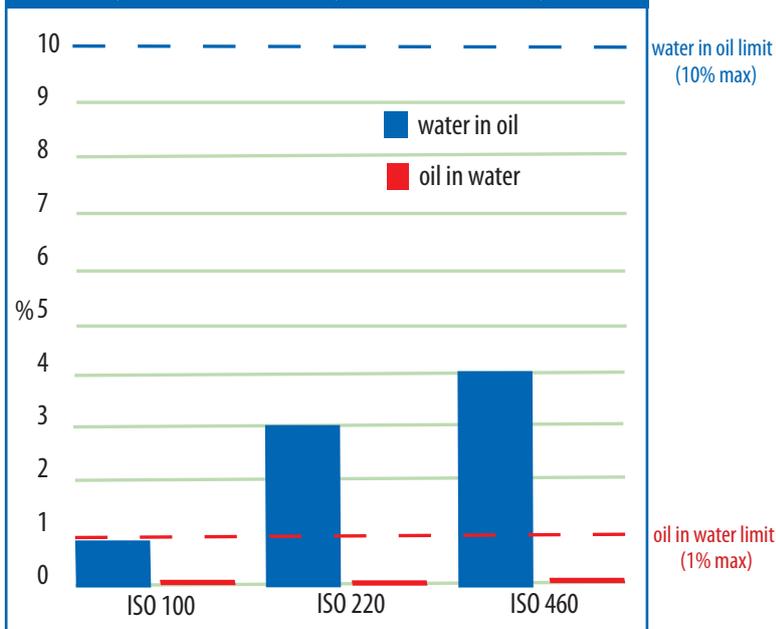
Typical Characteristics

Appearance	Dark brown liquid
Specific Gravity @ 15.6/15.6°C	0.982
Viscosity @ 40°C, mm ² /s	16
Flash Point, °C (PMCC)	95

Handling Information

Max Handling Temp: 80°C
Shelf Life: 24 months @ ambient (10-40°C)

HiTEC® 2597 Demonstrated Superior Water Separation in Dynamic Demulsibility Endurance Testing



Performance Profile

Properly formulated oils using HiTEC® 2597 are capable of meeting the following specifications:

- Primetals Technologies' MORGOIL® Lubricant Specifications - MORGOIL® Advanced Lubricant New Oil Revision 2.5a; New Oil Revision 1.1
- DIN 51515-1; 51517-2; 51524-1
- ASTM D4304 Type I
- ISO 11158 HL
- AIST 125; 135
- AGMA 9005-F16 (R&O)

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