INDUSTRIAL GREASE





Neutral Rust Protection For Greases and Industrial Lubricants







INDUSTRIAL | GREASE

HITEC[®] 538 Corrosion Inhibitor

Neutral Rust Protection For Greases and Industrial Lubricants

Key Performance Benefits

HiTEC[®] 538 additive is a neutral rust inhibitor for use in greases, R&O hydraulic oils, turbine oils, circulating oils, and a wide range of other industrial lubricants, where excellent filterability is required. HiTEC[®] 538 additive benefits include:

- Long-term rust protection
- Enhanced oxidation stability
- Excellent filterability in all filterability tests
- Long-term filterability performance unaffected by contamination

Recommended Dosage

The recommended treat rate for HiTEC 538 is 0.2 to 2% wt. depending upon the application. Please contact your Afton Chemical representative for specific recommendations.

Typical Characteristics

Appearance:	Clear dark amber liquid		
Density at 15°C, g/ml:	0.938		
Density, lbs/gal:	7.83		
Specific Gravity @ 15.6/15.6°C:	0.940		
Flash Point, °C (PMCC):	150 min.		
Kinematic Viscosity at 100°C, mm ² /s:	21		

Typical Corrosion Performance

Performance In Lithium Complex Grease	Typical Treat Rate wt.%			
Test	0.30	0.50	1.00	2.00
Bearing Corrosion (D1743), Dist. water	Pass	Pass	Pass	Pass

EMCOR Dynamic Bearing Corrosion (D6138; IP220)

5% Synthetic Seawater	2	0	0	-
70% Synthetic Seawater	-	2	0,0	-
100% Synthetic Seawater	-	5	2	-
3% NaCl	-	-	4	2

Handling Information

Max Handling Temp: 60°C Shelf Life: 24 months at ambient (15-40°C)

© 2020. Afton Chemical Corporation is a wholly-owned subsidiary of NewMarket Corporation (NYSE:NEU). HITEC® is a trademark of Afton Chemical Corporation. 05/20.

The information in this bulletin is, to our best knowledge, sure and accurate, but all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control. Afton Chemical Corporation and its affiliates disclaim any liability incurred in connection with the use of these data or suggestions. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.

