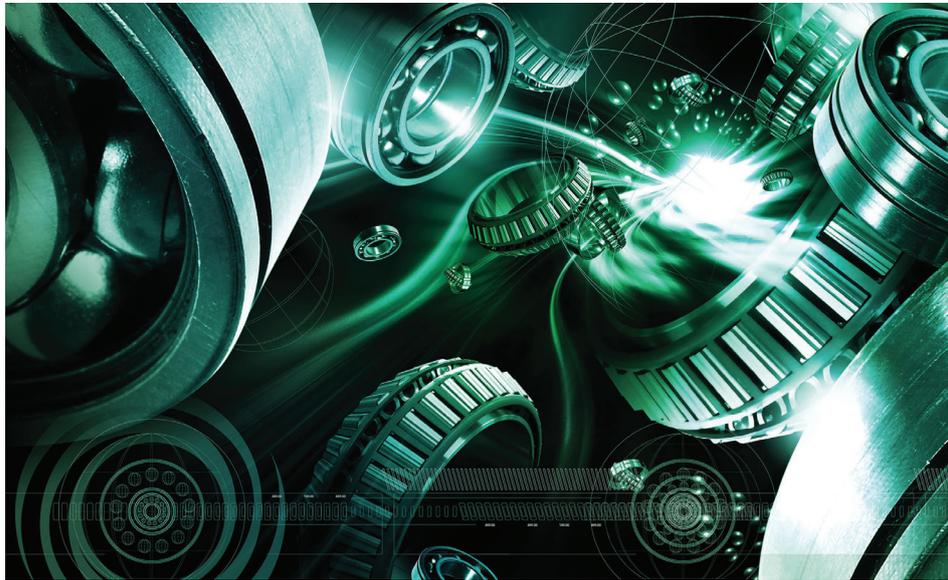


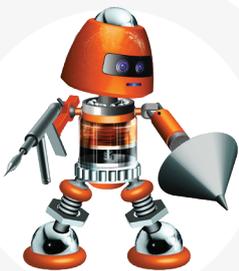
INDUSTRIAL | GREASE

HiTEC[®] 538

Corrosion Inhibitor



Neutral Rust Protection For Greases and Industrial Lubricants



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



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.%			
	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)