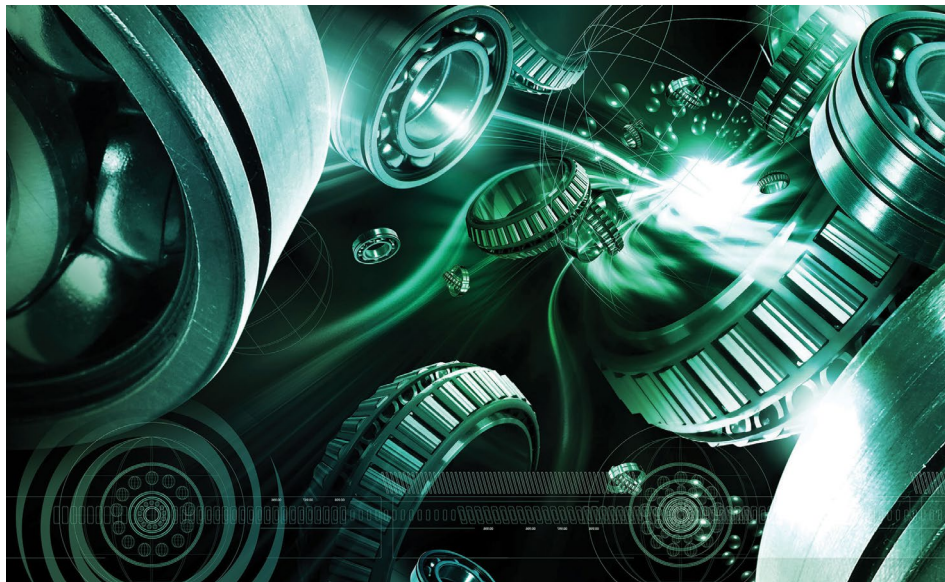
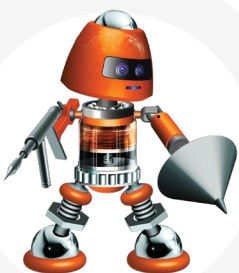


# INDUSTRIAL | GREASE

## HiTEC<sup>®</sup> 559 Corrosion Inhibitor



Cost-effective Rust protection For Industrial Lubricants



 **Afton<sup>®</sup>**  
CHEMICAL  
Passion for Solutions<sup>®</sup>



## HiTEC® 559 Corrosion Inhibitor

Cost-effective Rust Protection For Industrial Lubricants

### Key Performance Benefits

HiTEC® 559 additive is a highly efficient ashless corrosion inhibitor. It finds application in a wide range of industrial and marine lubricants, particularly in hydraulic, compressor, circulating and steam turbine oils. It can also be used effectively in corrosion preventatives and greases.

HiTEC® 559 additive benefits include:

- Cost-effective long-term corrosion protection
- Enhanced oxidation stability
- Improved system cleanliness and reduced maintenance cost

### Recommended Dosage

The recommended dosage for HiTEC® 559 additive is 0.03% to 0.5% wt., depending on application and base stock quality, to meet the requirements of IP 135/ASTM D665 tests, procedure A and B, and other corrosion tests. Please contact your Afton Chemical representative for specific recommendations.

### Typical Characteristics

Appearance:	Clear amber liquid
Density at 15°C, g/ml:	0.998
Density, lbs/gal:	8.33
Specific Gravity at 15.6/15.6°C:	1.00
Flash Point, °C (PMCC):	85 min.
Pour point, °C:	-3 max.
Kinematic Viscosity at 100°C, mm²/s:	23

### Typical Corrosion Performance

Performance In Lithium Complex Grease

Test	Typical Treat Rate wt.%		
	0.30	0.50	1.00
Bearing Corrosion (D1743), Dist. water	Pass	Pass	Pass
3% NaCl	-	-	Pass

### EMCOR Dynamic Bearing Corrosion (D6138; IP220)

	0.30	0.50	1.00
5% Synthetic Seawater	2	0	-
70% Synthetic Seawater	-	1	0
100% Synthetic Seawater	-	5	2
3% NaCl	-	-	2

### HiTEC® 559 Protection in Industrial Lubricants



### Handling Information

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