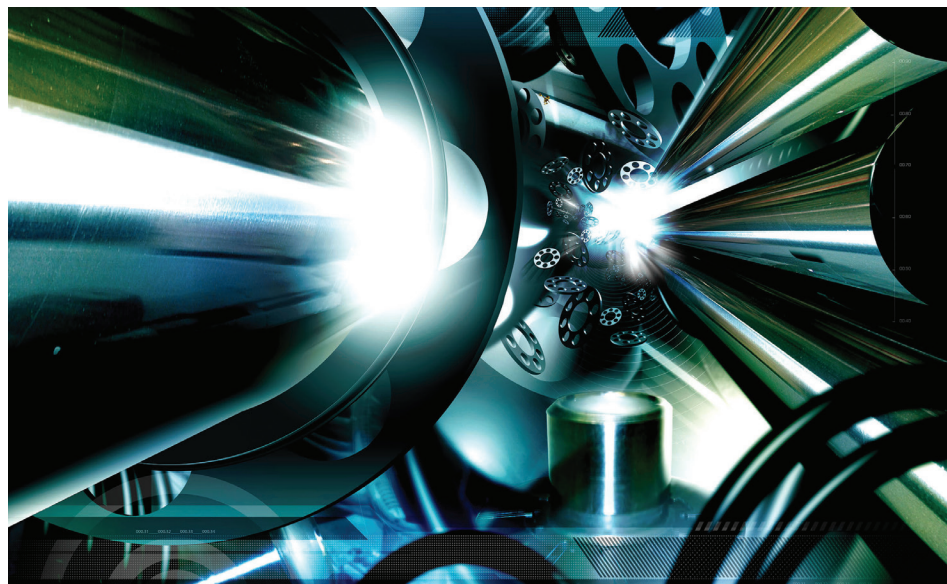


# INDUSTRIAL | HYDRAULIC

## HiTEC<sup>®</sup> 543

Mainstream Anti-wear Hydraulic Additive Package



Ashless Anti-wear Hydraulic Additive Package for a wide range of applications



## HiTEC® 543 Mainstream Anti-wear Hydraulic Additive Package

Ashless Anti-wear Hydraulic Additive Package for a wide range of applications

### Key Performance Benefits

- **Excellent oxidation stability**  
Capability to extend the oil drain interval resulting in reduced disposal costs. Potential to improve efficiency during the length of the oil drain
- **Good sludge and particulate control**  
Improved filterability and consequently less downtime. Improved protection of critical components with tight tolerances, such as servo-valves and pumps
- **Excellent hydrolytic stability**  
Improved protection and extended life of yellow metal parts of the equipment
- **Ashless**  
Suitable for use where watercourse or aquifer sensitivity exists or where legislation requires the use of ashless hydraulic oils
- **Logistics simplicity**  
Cascadeable treat rate for blending fluids for low pressure systems

### Recommended Dosage

The standard treat-rate for HiTEC® 543 is 0.87 % wt. It has been extensively tested in a range of Group I and II base stocks. HiTEC® 543 can be used at increased treat-rates to meet a diverse range of industrial applications. Treat-rate may vary depending on base stock. Please contact your Afton Chemical representative for specific recommendations.

### Typical Characteristics

Appearance:	Dark brown liquid
Specific Gravity at 15.6/15.6°C:	0.964
Flash Point, °C (PMCC):	105 min.
Kinematic Viscosity at 40°C, cSt:	139

### Improved Filterability = Less Downtime



Competitor 1  
in Group I ISO 46



HiTEC® 543  
in Group I ISO 46

### Performance Profile

HiTEC® 543 is capable of meeting the following specifications:

- DIN 51524-2
- Fives P-68, P-69 and P-70
- ISO 11158 HM
- ASTM D6158
- SAE MS 1004
- ISO 20763 vane pump test

### Handling Information

Recommended Handling and Storage Temp:

Short Term: up to 55°C

Long Term: Ambient

Maximum blending and handling temperature: 80°C

Shelf Life: 24 months at ambient temperature