

CSAIL® T406E is a fatty amine diazole derivative, has good antioxidant and copper corrosion inhibition properties, good oil solubility, strong rust resistance, and better rust prevention effect on non-ferrous metals. It has the advantages of low addition and significant effects, and has a significant synergistic effect when combined with T501. It is widely used in gear oil, anti-wear hydraulic oil, oil film bearing oil, and lubricating grease.

CHEMICAL COMPOSITION

Fatty amine diazole derivatives (T406E)

TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Yellow transparent liquid	Visual inspection
Density at 20℃, g/cm ³	1.01	GB/T1884
Viscosity at 40℃, mm ² /s	690.0	GB/T 265
Flash point open cup, ℃	≥150.0	GB/T 3536
Water content, %	0.04	GB/T 11133
Copper corrosion, 100℃/3h	Grade 1	GB/T 5096

Note: The above analytical data are not specifications.

PERFORMANCE CHARACTERISTICS

- Excellent oil solubility and excellent synergistic effect with antioxidants
- High efficiency protection at low concentration

APPLICATION

- Gear oil
- Anti-wear hydraulic oil
- Oil film bearing oil
- Lubricating grease

USAGE METHOD

- Added to the formulation directly and compatibility needs to be tested before adding
- Recommended treat level: 0.1%-1.0%

RELATIVE PRODUCTS

- T406E

PACKAGING AND STORAGE

Packaging	50kg plastic drum or 200kg steel drum (Net weight)
Storage conditions	Store in a cool, dry, well-ventilated warehouse

HANDLING INFORMATION

Avoid contact with skin, eyes and clothing. Operate in accordance with good industrial health and safety practices. Please refer to material safety data sheet (MSDS) for additional handling information on **CSAIL®T406E**.

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