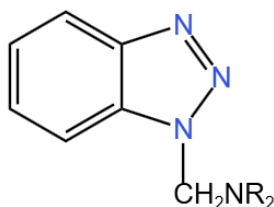


**CSAIL® T551** is a benzotriazole derivative, oil-soluble metal deactivator, which has a prominent synergistic effect on inhibiting the catalytic effect of metal ions on the oxidation of oil products, improving the antioxidant capacity of oil products, and extending the service life of oil products. It can form an inert film on the metal surface or form a Chelation compound with metal ions to prevent the oxidation of metal. It has a good synergistic effect when used in combination with antioxidants such as T501.

## CHEMICAL COMPOSITION



Benzotriazole derivatives (T551)

CAS No.: 15497-45-7

## TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Yellow to reddish brown transparent liquid	Visual inspection
Density at 20°C, g/cm <sup>3</sup>	1.0	GB/T 1884-2000
Viscosity at 50°C, mm <sup>2</sup> /s	10.2	GB/T 265-1988
Base number, mgKOH/g	221	SH/T 0251-1993
Flash point open cup, °C	160	GB/T 3536-2008

Note: The above analytical data are not specifications.

## PERFORMANCE CHARACTERISTICS

- Excellent antioxidant performance and copper corrosion inhibition performance
- Low dosage

## APPLICATION

- Various lubricating oils, greases

## **USAGE METHOD**

- Added to the formulation directly and compatibility needs to be tested before adding
- Recommended treat level: 300-500ppm

## **RELATIVE PRODUCTS**

- T551

## **PACKAGING AND STORAGE**

<b>Packaging</b>	50kg plastic drum or 180kg steel drum (Net weight)
<b>Storage conditions</b>	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®T551**.

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