

CMET[®] T711 is a highly efficient oil-soluble rust preventive additive of the N-oleoyl sarcosine-octadecylamine salt type. At room temperature, it appears as a yellow waxy solid, which melts into an amber-colored oily liquid when heated. It is insoluble in water but soluble in oil. This additive can be incorporated into lubricating oils, hydraulic oils, circulating oils, instrument oils, and rust preventive oils. It is also effective for rust prevention in secondary oil recovery, water injection system pipelines, and equipment in oilfields, as well as in crude oil transportation pipelines and related equipment.

CHEMICAL COMPOSITION

Octadecylamine N-oleoyl Sarcosinate (T711)

TYPICAL PROPERTIES

Test Item	Typical Data	Method
Appearance	Pale yellow waxy solid	Visual inspection
pH value	7.0-9.0	pH meter
Total amine value, mgKOH/g	93.0	GB/T 15045-2013
Water content, %	≤3.5	GB/T 11133-2015
Oil solubility	Intersolubility	Visual inspection

Note: The above analytical data are not specifications.

PERFORMANCE CHARACTERISTICS

- Excellent oil solubility and rust prevention, especially excellent rust prevention for ferrous metals, copper, aluminum, etc
- The prepared anti-rust oil forms a thin film and is light in color

APPLICATION

- Hydraulic oil
- Anti-rust oil

USAGE METHOD

- Added to the formulation directly and compatibility needs to be tested before adding
- Recommended treat level: 1.0-3.0%

RELATIVE PRODUCTS

- T711

PACKAGING AND STORAGE

Packaging	50kg / 200kg plastic 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 **CMET® T711**.

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