

NON STAIN MIST OIL

Mist oil for gear bearings

In the rolling process of aluminum products, if the oil supplied to the gear bearings in a mist form is mixed with the rolling oil, oil stains may occur on the product. **NON STAIN MIST OIL** formulated with special synthetic base oil can suppress the occurrence of oil stain even if mixed with rolling oil.

● Special Features

1. Excellent mist performance

NON STAIN MIST OIL exhibits excellent mist performance by blending carefully selected base oil and additives that suppress stray mist. Stray mist refers to something that escapes in the form of a mist without forming oil droplets at the condensing part of the nozzle.

First, oil consumption can be saved because the proper amount of mist is generated.

Secondly, the work environment is kept clean because there is little stray mist.

2. Excellent extreme pressure performance

Thanks to the action of an excellent extreme pressure additive, **NON STAIN MIST OIL** forms a strong coating on the lubricated surface and sufficiently withstands heavy loads and impacts, and prevents seizure and wear.

3. Non-corrosive

NON STAIN MIST OIL does not affect bearing corrosion such as copper, bronze, babit, cadmium, nickel, etc. in addition to iron.

● Grades

NON STAIN MIST OIL is available in two types, **380** and **460**, with different viscosities so that they can be easily selected according to usage conditions.

● Applications

Mist lubrication for gear bearings

● Containers

200-liter drums

● Typical properties of NON STAIN MIST OIL


Grade			380	460
Color	(ASTM)		L0.5	L0.5
Density	(15 °C)	g/cm ³	0.866	0.871
Kinematic viscosity	(40 °C)	mm ² /s	377	458
	(100 °C)	mm ² /s	22.7	25.3
Viscosity index			71	69
Acid number		mgKOH/g	0.70	0.70
Flash point	(COC)	°C	198	194
Pour point		°C	- 32.5	- 25
Rust prevention (Distilled water , 60 °C, 24h)			No rust	No rust
Copper strip corrosion	(100 °C, 3h)		1	1

Note: The typical properties may be changed without notice. (October 2013)



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil(s), Additives
Precautionary pictograms:	
Signal word:	Danger
Hazard Statement:	Causes skin irritation Causes serious eye damage May cause an allergic skin reaction Harmful to aquatic life Harmful to aquatic life with long lasting effects
Precautionary Statements:	
Prevention	<ul style="list-style-type: none">• Do not handle until all safety precautions have been read and understood.• Wear protective gloves/protective clothing/eye protection/face protection.• Do not allow the eyes to become exposed to the product. Do not swallow the product.• Avoid release to the environment.• Contaminated work clothing should not be allowed out of the workplace.• Avoid breathing dust/fume/gas/mist/vapours/spray.• Wash hands thoroughly after handling.• Do not eat, drink or smoke when using this product.
Response	<ul style="list-style-type: none">• IF SWALLOWED: Immediately call a POISON CENTER/doctor.• IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.• If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician.• IF ON SKIN: Wash with plenty of soap and water.• If skin irritation or a rash occurs: Get medical advice/attention.• IF IN EYES: Rinse cautiously with water for several minutes.• Remove contact lenses, if present and easy to do. Continue rinsing.• Take off contaminated clothing and wash it before reuse.
Storage	<ul style="list-style-type: none">• The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight.• Containers that have been opened must be tightly sealed.
Disposal	<ul style="list-style-type: none">• Dispose of contents/container in accordance with local/regional/national/international regulations.• If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.