

RF7001 Turbine Additive Package

Introduction:

RF7001 is a high-performance turbine additive package blended by various kinds of additives such as antioxidants, rust inhibitors, metal deactivator, and demulsifiers. The product has been scientifically blended and strictly tested, has excellent oxidation stability, rust resistance and anti-emulsification.

The finished oil can provide effective protection for various turbines and effectively guarantee the safe and efficient operation of various turbine equipment. It meets the requirements of turbine equipment in various industries such as electric power, steel, petrochemical, and industry.

Specifications:

Meet the requirements of: GB 11120-2011.

Application:

With I ~ III base oils, RF7001 can blend L-TSA and L-TSE turbine oil products meeting the requirements of: GB 11120. The viscosity levels are 32, 46, 68, 100 and so on.

Dosage:

The recommended dosage of RF7001 is : 0.4-0.75%

L-TSA 46 turbine oil typical formulation:

Item	Dosage (WT) , %
150SN	59.58
400SN	40
RF 7001	0.4
Anti-foam additive	0.01
Demulsifier	0.01

Performance characteristics:

RF7001 has low dosage and good cost performance. The finished turbine oil can meet the lubrication requirements of turbine equipment in different industries, and has excellent oxidation stability, rust resistance and anti-emulsification. Different dosages can blend L-TSA, L-TSE and long-life turbine oil products. It can be widely used in electric power, steel, petrochemical, industrial and other industries, and has been applied in many enterprises.

Technical Index:

Item	Typical Value	Test Method
Kinematic Viscosity (100°C) /(mm ² /s)	17.6	GB/T 265
Density (20°C) /(kg/m ³)	1009.6	GB/T 13377
TBN, mgKON/g	30.24	SH/T 0251
TAN, mgKON/g	67.15	SH/T 0163
S Content/% (WT)	7.27	SH/T 0303
N Content/% (WT)	3.12	SH/T 0224

Product Package/Transportation/Acceptance:

Package: 200 litre standard new iron drum or other packages according to customers' requests: IBC tank or bulk package

Marks, Retention Sample and Acceptance of the goods are executed by SH 0164.

Product Storage/Handling:

Recommended storage/handling temperature is 20°C-40°C, the maximum storage temperature should not exceed 45°C.

During loading/unloading and blending, the maximum temperature is 60°C.

Storage Period:3months (below 45°C)/2 years (10°C-35°C ambient temperature)

Notes:

There must be obvious marks during transportation, to prevent confusion with other types of petroleum products.

The storage containers must be exclusive, be stored indoor or under-controllable climate environment, the containers should be waterproof, damp-proof and preventing mechanical impurities.

Before use, the containers, oil tanks, pipelines, valves, etc. should be carefully cleaned and inspected to be qualified, to prevent pollution.

Health and Safety:

Avoid long-term or repeated skin-contact, no drinking, far away from children.

Please protect the environment, packages and waste liquid should be sent to qualified units for centralized treatment, do not pour into drainage system, water and soil.

For other health and safety information, please refer to the MSDS.