

# Technical Data Sheet



## AD-109 Quenching Oil Package

### Description

This product shows excellent performance in the bench test and has passed the bench test successfully. It is composed of high-quality antioxidant, refrigerant, brightener, rust inhibitor, corrosion inhibitor and other multi-functional additives. It has the characteristics of fast cooling speed and bright metal surface. The oil modulated by the compound can reach the ideal characteristic temperature and time. This product is suitable for blending SH0564-93 standard ordinary quenching oil, fast quenching oil and bright quenching oil.

### Dosage Reference

Varieties of quenching oil	Recommended dosage (W%)
Conventional quenching oil	3.5
Fast bright quenching oil	4.5
Fast quenching oil	5.5

### Product Quality

Item	Quality index	Test method
Appearance	Light brown transparent liquid	Visual inspection
Kinematic viscosity at 100 °C mm <sup>2</sup> / S	Test	GB/T265
Flash point (closed) °C not less than	150—250	GB/T267
Impurity% not more than	0.05	GB/T511
Moisture% not more than	0.01	GB/T260

### Product Storage And Transportation

Refer to SH/T0164 for storage, loading, unloading and oil blending. The maximum temperature should not exceed 75 °C; For long-term storage, the maximum temperature should not exceed 45 °C. This product is non-flammable, non-explosive, non-corrosive. It is the same as general petroleum products in safety, environmental protection and use, without special protection.