



ZHENGZHOU CHORUS COMMERCE AND TRADE CO.,LTD

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### BT77201 Heat Conduction Oil Additives

#### ●Product Introduction

BT77201 is a high temperature heat transfer oil additive package.it is formulated by different kinds of high temperature anti-oxidant,coking inhibitor,detergent dispersant and anti-rusting agent,its dosage is small but effect is good. The heat transfer oils formulated by it have better high temperature stability,with the merits of less coking and longer service life for long period usage,and the heat transfer effect is very obvious.,It is primarily used for blending the heat transfer oil in mandatory closed circulatory system with the mainstream temperature not exceed 320°C.

#### ●Recommended Dosage:

Heat Transfer Oil	Dosage (W%)
L-QB280	0. 2%
L-QB300	0. 2%-0. 3%
L-QB320	0. 3%-0. 5%

#### ●Characteristics:

Item	Typical Value	Test Method
Kinematic Viscosity(100°C) , mm <sup>2</sup> /s	Report	ASTMD445
Flash Point (COC) °C	> 110	ASTMD92
Nitrogen, %(m/m)	2. 10-2. 85	ASTMD5762
TBN, mgKOH/g,	5. 2-7. 5	ASTMD2892



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Group symbol	Application Range	Special Application	More specific application	Product type and performance requirements	Breed symbol	Application case
Q	Heat Transfer	Maximum use of temperature is less than 250°C	open-type system	Refined mineral oil or synthetic liquid with oxidation stability	QA	Open sump for heating mechanical parts or electronic components
		Maximum use of temperature is less than 300°C	Closed system with or without forced circulation	Refined mineral oil or synthetic liquid with thermal stability	QB	Heat transfer liquid heating system or closed circulating water bath
		Maximum use of temperature is more than 300°C and less than 320°C	Closed system with forced circulation	Refined mineral oil or synthetic liquid with thermal stability	QC	
		Maximum use of temperature is more than 320°C	Closed system with forced circulation	Synthetic liquid with special high thermal stability	QD	Heat transfer liquid heating system

●Package, Storage and Transportation

It is packed in 200 liter standard metal drums,170kg in each drum.

The storage transport and production should meet the requirements of SH/T0164

The maximum temperature should not exceed 75°C,for long-term storage,the maximum temperature should not exceed 45°C,the product is not flammable,explosive,and corrosive,its safety cause,environment protection and usage may refer to the general procedures for the common petroleum products.