

# ideuk Lubricants Specifications of Products

## Heat treating Oil

- **Product usage**

Quenching oil has enough hardening ability and it is no danger of transformation or crack therefore it is applied to various heat treatment of difficult to harden steel product (alloy steel, carbon steel, cast iron and so on).

- **Product performance**

- First Quenching speed fast since Stream membrane (formation) step and cooling step and have the best hardness value and transformation and remaining stress can reduce by smallest because it is slow special quality the cooling speed when pass lowest low temperature field (convection current stage).
- Can reduce consumption of oil by smallest and the alkali cleaning it removes the residual substance easily because low viscosity and resistance cohesion characteristic is good.
- Quenching oil life is long under general work situation because Excellent heat stability.

- **Specifications**

Classification	Product	Specific Gravity 15/4℃	Kinematic Viscosity cSt		Flash Point ℃	To burn ℃	Cooling performance		Moisture (ppm)	Others
			40℃	100℃			characteristic temperature	Cooling sec. (800~400℃)		
Heat Treating Oil	A 101	0.870	17.0	4.50	210	230	620	2.80	Null	
	A 201	0.875	23.6	5.50	214	250	610	3.71		
	A 301	0.891	491.1	28.1	310	365	680	5.2		

\* The above is recently tested representative values and could be a little different within the limits of which can not be effected.

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