

# ideuk Lubricants Specifications of Products

## Turbine Oil Series

### ● Product abstract

Turbine oil is used as steam power, stream turbine of ship power, steam power or gas Turbine's bearing, lubricant of reduction gear and operation existence of control system. Additional, as general-purpose industry lubricant, usage is wide (compressor and oil pressure machine etc.. ). Turbine oil is two kinds. One is non-addition oil that use high-refining(高精製) paraffin lubricant by base oil and do not contain entirely admixture. The other is addition oil that put various admixture according to condition. Addition Turbine oil of R&O style gets into representative oil of lubricant for industry and non-addition turbine oil is used much as mediocrity oil. R&O means lubricant that add Rust Inhibitor (rust preventive) and Oxidation Inhibitor (oxidation prevention agent).

### ● Product characteristic

- Because stability of oxidation is superior, can use long term by low deterioration of oil. And corrosion prevention and rust preventing are superior, prevent corrosion and rust appearance on metal surface.
- Water dissolubility and anti-emulsion is superior and viscosity index is high, can use stably over wide temperature extent.

### ■ Product usage

Being used gas and steam turbine's lubrication and can use bearings of several kind of machine, reduction gear and fluid coupling etc. to circulating system.

### ■ Specifications

Classification	Product	Specific Gravity 15/4℃	Kinematic Viscosity cSt		Flash Point ℃	Total Acid Value mgKOH/g	Pour Point ℃	Color ASTM	Corrosive test (100℃X3h)	Others
			40℃	100℃						
Turbine Oil	THRBIN 32	0.871	32	5.3	210	0.01	-15	L0.5	1a	
	THRBIN 46	0.877	46	6.8	220	0.01	-15	L0.5	1a	
	THRBIN 68	0.881	68	8.8	230	0.01	-12.5	L0.5	1a	
	THRBIN 100	0.885	100	11.4	245	0.01	-12.5	L0.5	1a	

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