

# ideuk Lubricants Specifications of Products

## Compressor Oil

### ● Products abstract

Compressor is machine that compress gas, usually call over 1Kg/cm<sup>2</sup> that is compressibility and under 1 Kg/cm<sup>2</sup> is called blower. Compressor is used by transfer of various gas in organic matter composition chemical industry recently and had been used extensively in many manufacturers such as construction, ship, driving for aircraft. High efficiency of appliance expedited high-pressure, miniaturization and large-capacity of compressor, also required high quality, high efficiency about compressor oil.

If divide greatly compressor, there are 2 kinds of turbo style and capacity style . Lubrication place of turbo style compressor is used usually bearing oil for bearing, but capacity style compressor is used compressor oil that have superior performance. Also, freezing compressor that compress refrigerant gas is used refrigerating machine oil.

### ● Product characteristic

- Stability of oxidation and heat are superior because control product of deposits for carbonization thereupon can use to stabilize under severe driving condition of high temperature and pressure.
- Expect prolongation of machine life and checking of preservation labor expense, because oil film force, anti-emulsion and rust preventing performance is superior, and evaporativity is low thereupon wastage of oil is few.

### ● Product usage

Usage is lubricant of compress (air and gas cylinder) and crank case.

### ● Specifications

Classification	Product	Specific Gravity 15/4℃	Kinematic Viscosit cSt 40℃	Flash Point ℃	Pour Point ℃	Ash (%)	Moisture (ppm)	Total Acid Value mgKOH/g	Others
Air Compressor Oil	Comp 46	0.867	46.23	229	-15	0.005↓	0.01↓	0.05	
	Comp 68	0.873	68.0	235	-15				
	Comp 100	0.879	100.0	247	-12.5				
	Comp 150	0.882	150	261	-12.5				

\* 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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