## Hanasaki Marine Compressor Oil Series

## Premium Quality Compressor Oil for Marine Air Compressors

## Product Description

Hanasaki Marine Compressor Oil Series are premium quality ashless air compressors oil specially designed to meet the stringent requirements of rotary and reciprocating type air compressors. These products are formulated from highly refined premium quality base oils and advanced additive systems to provide strong resistance against deposit formation on valves, inter-coolers and in compressor airways. All Hanasaki Marine Compressor Oils exceed the performance requirements of DIN 51506 VDL standards. They are available in ISO 32 through to ISO 220 grades.

## Hanasaki Marine Air Compressor Oil Series offers the following benefits to their users:

1) Superior thermal and oxidation stability that resist oil degradation and thickening for longer oil service life
2) Outstanding resistance to deposit formation
3) Low carbon residue to ensure low tendency of carbon deposit on hot parts of the compressors
4) Exceptional overall protection against corrosion, rust and wear
5) Good water separation property

## Typical Properties

|  | ISO Viscosity Grade |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Properties | $\mathbf{3 2}$ | $\mathbf{4 6}$ | $\mathbf{6 8}$ | $\mathbf{1 0 0}$ | $\mathbf{1 5 0}$ | $\mathbf{2 2 0}$ |
| Viscosity @ $40^{\circ} \mathrm{C}$ (ASTM D445) , cst | 32 | 46 | 68 | 100 | 150 | 220 |
| Viscosity @ $100^{\circ} \mathrm{C}($ ASTM D445) , cst | 5.4 | 6.8 | 8.5 | 10.8 | 14.2 | 18.2 |
| Viscosity Index (ASTM 2270) | 102 | 99 | 94 | 91 | 91 | 90 |
| Pour Point (ASTM D97) , ${ }^{\circ} \mathrm{C}$ | -12 | -12 | -12 | -12 | -9 | -9 |
| Flash Point (ASTM D92) , ${ }^{\circ} \mathrm{C}$ | 230 | 244 | 255 | 257 | 264 | 275 |
| Density @ $15^{\circ} \mathrm{C}($ ASTM D4052) , $\mathrm{kg} / \mathrm{l}$ | 0.858 | 0.865 | 0.873 | 0.856 | 0.891 | 0.893 |

## Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended applications and the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS is available upon request through your sales contact at Hanasaki. This product should not be used for purposes other than its intended use. When disposing of used product, please take care to protect the environment.

