

# AERO GOLD

## Synthetic Blend Compressor Oil (468 Series)

AERO GOLD is an advanced air compressor lubricant that is composed of a blend of highly refined mineral oil and synthetic ester base stocks. This combination of base fluids ensures a long fluid life, clean operations and reduced maintenance costs even in harsh operating environments.

Compressors using AERO GOLD are significantly less susceptible to carbon and varnish buildup and will generally operate cooler.



## Applications

- Piston compressors
- Rotary screw compressors
- Rotary vane compressors
- Centrifugal compressors

## Fluid Life

Discharge temperature	Fluid Life (Hours)
<90°C	10.000
90 - 110°C	8.000

## Benefits

- Meets DIN 51506 VDL requirements
- Superior carbon and varnish control
- Very long fluid life
- Contributes to lower operating temperature
- Helps maintain cooler cleanliness
- Excellent wear protection
- Good water separation
- Resists chemical contamination
- Resists foaming, excellent air release properties
- Excellent protection against corrosion and rust



## Specifications

ISO Viscosity Grade	32	46	68	100	150
Viscosity @ 40 °C (cSt)	32	46	68	100	145
Viscosity @ 100 °C (cSt)	5,3	6,6	8,6	11,4	15,2
Viscosity Index	98	95	95	100	106
Density g/cm <sup>3</sup> @ 15 °C	0,87	0,88	0,89	0,89	0,89
Pour Point (°C)	-42	-39	-36	-33	-30
Flash Point (°C)	219	236	255	260	257
Colour (ASTM 1500)	≤0,5	≤0,5	≤0,5	≤0,5	≤0,5
Copper Strip Corrosion (ASTM D130) (100 °C for 3 h)	1a	1a	1a	1a	1a
Rust Test (ASTM D665) (Distilled Water)	Pass/Pass	Pass/Pass	Pass/Pass	Pass/Pass	Pass/Pass

Values included in this TDS are typical and do not constitute a specification. Manufacturing specifications are available upon request. Minimum operating temperatures are based on low temperature viscosity measurements and refrigerant miscibility data. Consult a Next Lubricants representative for operations below the pour point of the oil. It is recommended that routine oil analysis tests be performed to properly assess the condition of the oil. Verify that this TDS is the most UpToDate version, specifications are subject to change due to possible formulation and raw material changes.

