

# Vanguard AW 46

## Hydraulic Oil



### Product Data

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## Description

Vanguard AW 46 is a hydraulic oil designed to be used many systems operating under the most difficult conditions such as the applications in presses, machine tools, mould injection machines, and other industrial instruments.

Vanguard AW 46 is also used for many other applications where a universal high performance anti-wear lubricant is needed, such as low charged gears, air compressors, servo motors, sliding and roller bearings, and control systems equipped with fine filtration systems.

## International Specifications

- AFNORF NF E 48-603 HM
- ISO 6743/4 HM
- DIN 51524 PART 2 HLP
- CINCINNATI MILACRON P68, P69, P70
- VICKERS M-2950S, -I-286
- DENISON HF0, HF1, HF2 (T6H20C)

## Benefits

- Very good oxidation stability ensuring a long service life of the fluid
- Good anti-foam and air release properties by using silicon free components
- Excellent thermal stability avoiding formation of sludge even at high temperatures
- Reduced maintenance and operating costs
- Brilliant filterability even in the presence of water

## Technical Specifications

Name	Units	Value
Appearance		Clear liquid
Density @ 15°C	kg/m <sup>3</sup>	880
Viscosity @ 40°C	mm <sup>2</sup> /s	46
Viscosity @ 100°C	mm <sup>2</sup> /s	6.8
Viscosity index		100
Cleveland flash point	°C	232
Pour Point	°C	-27
0.8 μ without water	Index (IF)	1.02
0.8 μ with water	Index (IF)	1.5

## Packaging

Available in 4 x 5 Litre, 20 Litre, 208 Litre, 1000 Litre, and Bulk.