



# Cenex<sup>®</sup> Hydraulic AW Oil



## Industrial Hydraulic Fluid

### General Description

Cenex<sup>®</sup> Hydraulic AW oils are a zinc anti-wear hydraulic fluid designed for use in hydraulic systems ranging from simple to high performance.

Cenex Hydraulic AW Oil is blended with high quality base oils having excellent stability and quality, and a balanced additive system that provides oxidation and thermal stability, anti-rust, anti-wear, and anti-foam characteristics. The zinc type anti-wear agent helps minimize wear in high speed, high pressure, vane and gear pumps while also protecting axial piston pumps with bronze and steel metallurgy. Cenex Hydraulic AW oils are stable under thermal or oxidative stress and when in the presence of moisture, show little tendency to hydrolyze and attack copper.

### Features and Benefits

- Good vane and piston pump performance with low copper activity, providing extended pump life.
- Reduced maintenance due to anti-wear and rust prevention capabilities.
- Hydrolytic stability with quick water separation providing protection against filter plugging.

### Typical Applications

Cenex Hydraulic AW Oils are recommended for light and moderate duty hydraulic systems and meets DIN 51524 Part 1 & 2 performance levels:

- DIN 51524, Part 1,2
- ASTM D 943 Oxidation Test: Exceeds 1,000 Hours
- Rust prevention
- Anti-foam

### Typical Properties

ISO Viscosity Grade	32	46	68
Approximate SAE Grade	(10W)	(20W)	(20)
Viscosity @ 40°C, cSt	32.0	46.5	68.5
Viscosity @ 100°C, cSt	5.4	6.7	8.7
Viscosity Index	105	103	98
Pour Point °F (°C)	-35 (-37)	-30 (-34)	-25 (-32)

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

### Health & Safety

A complete safety data sheet is available by calling 1-651-355-8438 or visit [cenex.com/sds-library](http://cenex.com/sds-library).