

Hydraulic AW 46

Hydraulic AW 46 is a reliable hydraulic fluid developed to deliver consistent performance across a wide range of industrial and mobile hydraulic systems. It provides effective anti-wear protection, strong resistance to thermal and oxidative degradation, and dependable corrosion control, helping to maintain smooth system operation while protecting key components under continuous working conditions.

Designed to support stable and efficient operation, this formulation helps limit the build-up of deposits that can reduce system performance over time. Its effective water separation and resistance to hydrolytic breakdown allow for dependable operation in the presence of moisture, while consistent filterability supports system cleanliness and reduced maintenance requirements. With a balanced approach to performance and efficiency, **Hydraulic AW 46** also contributes to improved resource utilisation and lower overall operational impact.

Advantages & Benefits:

- Delivers reliable wear protection for consistent equipment performance
- Helps reduce deposit build-up to maintain system efficiency
- Supports stable operation in moisture-affected environments
- Promotes clean systems through effective filtration performance
- Assists in minimising maintenance requirements and downtime

Typical Characteristics:

Properties	Method	Unit	Value
ISO Grade			46
Viscosity @ 40°C	ASTM D445	cSt	46
Viscosity @ 100°C	ASTM D445	cSt	6.8
Viscosity Index	ASTM D2770		100
Density @ 15°C	ASTM D4502	g/ml	0.87
Flash Point	ASTM D92	°C	230
Pour Point	ASTM D97	°C	-10



PHOENIX®



SYNFORCE

Meets the following specifications:

- AFNOR NF E 48-603 (HL)
- Cincinnati Machine
- Denison HF-0
- DIN 51524 PART 1 & 2
- Eaton Brochure 03-401-2010
- Fives Cincinnati P-68
- Fives Cincinnati P-69
- Fives Cincinnati P-70
- ISO 46
- Parker Denison HF-0
- Parker Hannifin France HF-0
- Sperry Vickers 1-286-S, M-2950-S
- US Steel 126, 127

Package Sizes:

- 1000L
- 200L
- 20L