

# Q8 Holst AP 46

## Application

- Hydraulic systems equipped with fine filters, or systems not compatible with zinc based anti-wear hydraulic oils

## Specifications

- ISO 11158, category HM
- DIN 51524, Part 2, category HLP
- ISO 6743-4, category HM
- DIN 51502, category HLP

## Benefits

- Reliable operation of sensitive hydraulics such as servo systems and robotics through outstanding demulsibility and filterability
- Long service life due to high oxidation stability
- Suitable for most hydraulic equipment through its outstanding anti-wear performance
- Q8 Holst AP 46 has a pine fragrance. This feature enables to detect very easily and rapidly oil leakages in the hydraulic system.

## References

- Q8 Holst AP 46 provides highest performance in systems sensitive to environmental contaminants and therefore equipped with fine filtration systems.

Properties	Method	Unit	Typical
ISO Viscosity Grade	-	-	46
Absolute Density, 15 °C	D 4052	kg/m <sup>3</sup>	874
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	46
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	6.77
Viscosity Index	D 2270	-	98
Flash Point	D 92	°C	218
Pour Point	D 97	°C	-27
Colour	D 1500	-	L0.5
Copper Strip, 3 h, 100 °C	D 130	-	1a
Rust Test, Proc. A and B, 24 h	D 665	-	pass
Total Acid Number	D 974	mg KOH/g	0.10
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0 (10)
Air Release, 50 °C	DIN 51381	min	3
Oxidation, Time to 2.0 TAN	D 943	h	>2500 (test ongoing)
FZG Test, A/8.3/90	DIN 51354	load stage	>12

The figures above are not a specification. They are typical figures obtained within production tolerances.

