## Q8 Haydn 46

#### **Product Data Sheet**



### **Application**

 Wide range of hydraulic equipment ISO 11158, category HM SS 155434, category AM DIN 51524 part 2, category HLP MAG IAS P-68, P-69, P-70 Denison HF-0, HF-1 and HF-2 AFNOR 48-603, category HM ISO 6743-4, category HM DIN 51502, category HLP Eaton Brochure 03-401-2010

#### **Benefits**

- Optimum anti-wear performance, based on a zincdiakyldithiophosphate additive
- Long service life due to high thermal and oxidation stability for high temperature applications
- Trouble-free operation due to the unique combination of outstanding demulsibility, foam, air release, hydrolytic stability and filterability characteristics
- Can also be applied in other industrial equipment such as screw-air compressors and not severely loaded gears

#### References

- Q8 Haydn meets the requirements of the major hydraulic component manufacturers.
- Q8 Haydn 32, 46 and 68 are approved by Denison against the HF-O specification.

#### **Formulation**

- Paraffinic Mineral Oils
- Anti-wear Additive
- Anti-oxidant
- Rust Inhibitor
- Anti-foam Agent
- Corrosion Inhibitor

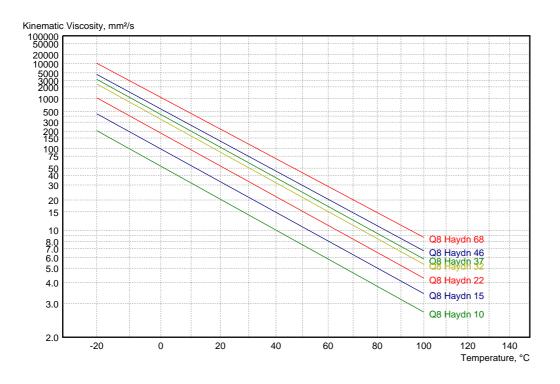
## **Features and Benefits**

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# **Properties**

	Method	Units	Inspection Data	
ISO Viscosity Grade	-	-	46	
Absolute Density, 15 °C	D 4052	kg/m³	874	
Kinematic Viscosity, 40 °C	D 445	mm²/s	46.0	
Kinematic Viscosity, 100 °C	D 445	mm²/s	6.72	
Viscosity Index	D 2270	-	98	
Flash Point	D 92	°C	222	
Pour Point	D 97	°C	-30	
Copper Strip, 3 h, 100 °C	D 130	-	1	
Rust Test, Proc. A and B, 24 h	D 665	-	pass	
Total Acid Number	D 974	mg KOH/g	0.3	
Emulsion, Distilled Water, 54.4 °C	D 1401	-	40-40-0(10)	
Air Release, 50 °C	DIN 51381	min	4	
Foam, 5 min blowing, seq. 1/2/3	D 892	ml	5/10/5	
10 min settling, seq. 1/2/3		ml	0/0/0	
FZG Test, A/8.3/90	DIN 51354	load stage	12	
Oxidation, Time to 2.0 TAN	D 943	hours	>1500	

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



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