

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 zincdiakylidithiophosphate 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

- Optimum anti-wear performance, based on a zincdiakylidithiophosphate additive
- Long service life due to high thermal and oxidation stability for high temperature applications
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Properties

| | Method | Units | Inspection Data |
|------------------------------------|-----------|--------------------|-----------------|
| ISO Viscosity Grade | - | - | 46 |
| Absolute Density, 15 °C | D 4052 | kg/m ³ | 874 |
| Kinematic Viscosity, 40 °C | D 445 | mm ² /s | 46.0 |
| Kinematic Viscosity, 100 °C | D 445 | mm ² /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 |

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

