



# DUCKHAMS ZIRCON Z32 ANTI-WEAR

DUCKHAMS ZIRCON Z32 ANTI-WEAR is a premium quality, anti-wear hydraulic fluid designed to meet the requirements of fluid power system. Hydraulic Oil # 32 is formulated with high quality base oil and selected additives to provide superior performances in filterability, pump wear protection in dry and wet conditions and oxidation stability

### Meet Performance :

- Denison HF-0, HF-1, HF-2
- Eaton Brochure 694 for 35VQ25A (Vickers product) Vickers 104C
- DIN 51524 part II (HLP)
- AFNOR NF E 48-603 (HM)
- FZG A/8.3/90 (FLS 10)
- Cincinnati Machine P-68, P-70, P-69
- GM L52
- ISO 11158 Categories HM
- ASTM D6158 Type HM US Steel (AIST) 127, 136
- Other industry specification add on US Steel (AIST) 127, 136

### Applications :

- All hydraulics systems with vane, gear or piston pumps
- Hydraulics of mobile and construction equipment
- Plastic injection molding machines
- Industrial circulating systems

### Features and Benefits :

- Excellent anti-wear properties and minimize metal-to-metal contact.
- Excellent protection on corrosion from both copper and steel.
- Minimize rust problems by very fast release of water.
- Good oxidation stability, provide good service life in high pressure service.
- Good foam inhibitor, minimize foaming and aeration problems.
- This product designed for major pump manufacturers of both vane and piston pumps.

### Typical Properties :

Properties	Test Method	Typical value
Appearance	Visual	Bright & Clear
ASTM Color	ASTM D1500	L1.0
Density @15°C	ASTM D4052	0.8774
Kinematic Viscosity @40°C	ASTM D445	34.73
Kinematic Viscosity @100°C	ASTM D445	5.714
Viscosity Index	ASTM D2270	104
Flash Point by COC, °C	ASTM D92	220
Pour Point	ASTM D5950/6892/6749	-6
Foaming : Seq.I @24 °C (Tendency/Stability) ,(ml/ml)	ASTM D892	(0/0)
Foaming : Seq.II @93.5°C (Tendency/Stability) ,(ml/ml)	ASTM D892	(20/0)
Foaming : Seq.III @24 °C after 93°C (Tendency/Stability) ,(ml/ml)	ASTM D892	(0/0)
Demulsibility @54°C (ml/ml/ml), min	ASTM D1401	(40/40/0), 20

These descriptions are typical of current production. Whilst future production will conform to Duckhams' specification, variations in there description may occurs.

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use.

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