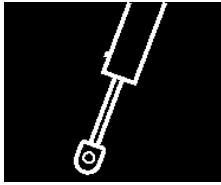


AZOLLA ZS



Hydraulic Oils

Very high Performance super clean hydraulic oil.

PRODUCT PROFILE



Azolla ZS Super Clean has excellent anti-wear, oxidation resistance and hydrolytic resistance characteristics. Azolla ZS meets the following specification

- AFNOR NF E 48-603 HM
- ISO 6743/4 HM
- DIN 51524 PART 2 HLP
- CINCINNATI-MILACRON: P68, P69, P70
- VICKERS M-2950 S-I-286
- DENISON HF0, HF1, HF2 (T6H20C)

APPLICATIONS

- Azolla ZS has been designed for use in all types of hydraulic system running under the most difficult condition such as machine tools, mould injection machines, presses and other industrial or mobile equipment.
- Also used in many other applications, where an universal high performance antiwear lubricant is first choice: low charged gears, sliding and roller bearings, air compressors, servo-motors and control system equipped with fine filtration systems.

ADVANTAGES

- High protection against wear insuring maximum equipment life.
- Superior thermal stability avoiding formation of sludge even high temperature.
- Very good oxidation stability ensuring a long service life of the fluid.
- Remarkable filterability even in presence of the water.
- Excellent hydrolytic stability avoiding filter blocking.
- Excellent protection against rust and corrosion.
- Good anti-foam and air-release properties by using silicon free components.
- Good demulsibility ensuring rapid water separation.
- Reduce maintenance and operating costs.

TOTAL LUBRICANTS INDIA LTD.

Head Office : 3rd Floor, The Leela Galleria, Andheri-Kurla Road, Andheri (E), Mumbai - 400 059. Tel. : 022 66407700 Fax : 022 66407720
Regional Offices : Chennai Tel. 044 28412790/28412823, Mumbai Tel. 022 25705775/6/7, Noida Tel. 0120 2516794/5/6

Date 01/09

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Typical Characteristics	Reference Method	AZOLLA ZS		
		32	46	68
Density at 29.5°C, kg/l	ASTM D 1298	0.875	0.880	0.884
Kinematic viscosity at 100°C, cSt	ASTM D 445	5.4	6.80	8.70
Viscosity at 40°C, cSt	ASTM D 445	32.0	45.90	67.20
Viscosity Index	ASTM D 2270	102	100	100
Flash point, °C	ASTM D 92	226	232	242
Pour point, °C	ASTM D 97	-27	-27	-21
Filterability 0.8u without water	NF E 48-690	1	1.02	1.01
Filterability 0.8u with water	NF E 48-691	1.5	1.5	1.5
NAS Level	NAS 1638 / ISO 4406	6	6	6

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