



## Hydraulic Oil HYD LA

### Product Sheet

**HYDRAULIC HYD LA fluids** are very high quality fluids with low content of ashes and zinc: they are suitable to be used in all strongly stressed hydraulic systems, where lubricants with excellent performance and ISO-L-HM / DIN 51524 HLP classification are required.

- Industrial oil-pressure systems
- Hydraulic controls
- Lifting systems
- Operating and earth-moving machines, etc.

**HYDRAULIC HYD LA fluids** are formulated with highly refined special bases and new technology additives with low content of ashes. All these characteristics give the product extraordinary anti-wear, EP and oxidation resistance properties.

**HYDRAULIC HYD LA fluids** are suggested for being used in hydraulic systems with a wide range of applications, and are considered suitable for the bath and circulation lubrication of mechanic units, bearings, gears, joints etc., whenever hydraulic lubricants of marked anti-wear properties are required.

### PROPERTIES

- ✓ Their excellent anti-wear protection and EP properties permit to extend the life of the hydraulic pump and the components of the system;
- ✓ 12th level of the FZG anti-wear test. Excellent anti-wear performance verified in the Vickers 35VQ25 Test
- ✓ Higher thermal and oxidation stability
- ✓ They permit to maintain the hydraulic system clean and efficient and avoid sticking of valves and clogging of ducts
- ✓ Excellent demulsivity
- ✓ Relevant anti-rust and anti-corrosion properties and ability to protect the system from the negative effects of water
- ✓ Excellent anti-foam properties
- ✓ High filterability and good power of maintaining the integrity of the filters of the hydraulic system
- ✓ Excellent performance with low temperature and good capacity to control the decay of viscosity at operating temperatures
- ✓ Compatibility with elastomers.

#### Maroil s.r.l. – Bardahl Italia

Località ponte alla Ciliegia – 55011 Marginone – Altopascio (Lucca) – Tel. 0583-28731 / Fax 0583-286542  
www.bardahl.it – e-mail: info@bardahl.it – Cable address: MAROIL: CASELLA POSTALE N.32 Altopascio



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#### PERFORMANCE LEVEL

Parker Denison HF-0, Eaton Brochure 03-401-2010, GM LS-2, DIN 51524-2, Cincinnati Machine P-70 (ISO 46) / P-69 (ISO 68)

#### CHEMICAL-PHYSICAL CHARACTERISTICS

Grade	ISO 46	ISO 68
Viscosity at 40°C	47.9 cSt	68.1 cSt
Viscosity at 100°C	7.2 cSt	9.2 cSt
Density at 15°C	0.872 kg/l	0.872 kg/l
Viscosity Index	110	110
Pour point	-33 °C	-33°C
Flash point	210°C	215°C

*The values mentioned in this table are only indicative and may vary within certain tolerances*

#### STORAGE

Store in original closed packaging, store indoors, away from moisture, from direct exposure to sunlight and weather. Avoid continuous and excessive temperature changes.

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