

# Equivis ZXL

Premium, high performance, hydraulic fluid, designed to meet the most stringent requirements of mobile and stationary hydraulic equipment designs

## APPLICATIONS

Hydraulic circuits. Hydraulic pumps and presses.  
Mobile & industrial hydraulic systems.

Wide range of hydraulic systems operating under high pressure and/or high temperature conditions.

High pressure vane, piston, or gear pumps, operating in various conditions.

Sensitive hydraulic circuits requiring perfect fluid filterability, such as plastic injection molding machines.

Lubrication of circuits in various industrial sectors such as food industries, paper mills, steel industries.

Suitable for marine applications where HV-type hydraulic fluids are required.

Any application where a high-performance anti-wear hydraulic oil is required: plain and roller bearings, reducers under high load.

## SPECIFICATIONS

ISO 6743/4 HV

ISO 11158 HV

DIN 51524 P3 HLVP

## ADVANTAGES

Increased drain intervals potential thanks to its advanced additivation.

Superior protection of components resulting in extended equipment lifespan.

Minimized deposits formation leading to maintain clean systems and extend the oil drain intervals.

High Viscosity Index fluid, versatile across various temperatures, ensuring high shear stability which can lead potentially to higher equipment efficiency.

Rapid air release properties to avoid equipment damage related to cavitation.

Good filtration and water separation properties to ensure a clean hydraulic circuit.

## APPROVALS

Bosch Rexroth RE 90 245

Parker Denison HF0, HF1, HF2\*

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.  
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial advisor or downloaded at [ms-sds.totalenergies.com](https://ms-sds.totalenergies.com)

## TYPICAL CHARACTERISTICS

| Properties                                 | Units              | Standards    | Equivis ZXL 46 |
|--------------------------------------------|--------------------|--------------|----------------|
| Density at 15 °C                           | kg/m <sup>3</sup>  | ASTM D4052   | 864            |
| Viscosity at 40°C                          | mm <sup>2</sup> /s | ASTM D445    | 48.9           |
| Viscosity at 100°C                         | mm <sup>2</sup> /s | ASTM D445    | 8.8            |
| Viscosity index                            | -                  | ASTMD D 2270 | 163            |
| Flash Point                                | °C                 | ASTM D92     | 211            |
| Pour point                                 | °C                 | ASTM D97     | -45            |
| Foaming seq1                               | mL /mL             | DIN 51566    | <30/0          |
| FZG A/8,3/90                               | Stage              | DIN 51354-2  | 12             |
| Copper corrosion (3h/100°C)                | -                  | ASTM D130    | 1              |
| Shear stability, % viscosity loss at 100°C | %                  | ASTM D5621   | 5.9            |

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