

Product Information: **LIQUIMATIC D46**

Description

Wide temperature, antiwear, dispersant, shear-stable hydraulic fluid formulated from high quality minerals oils and the latest ashless anti-wear technology. Specifically formulated for hydraulic systems subjected to the very extremes of operating conditions and temperatures, from frozen food stores (-20°C) to industrial hydraulic systems and off highway equipment operating at elevated temperatures.

Excellent anti-wear and EP properties provide protection against wear in the most demanding of systems. Additionally, the incorporation of an anti-foam agent facilitates rapid air release, ensuring correct hydraulic function, meeting the most stringent filterability requirements of modern machines and robotics.

Liquimatic D46 is designed to provide outstanding hydraulic system efficiency, clean performance, excellent oxidation and thermal stability. The high level of anti-wear properties and excellent film strength result in a high degree of equipment protection that not only results in fewer breakdowns but helps improve production capacity.

Features

- Outstanding low temperature performance
- Multi-grade properties, lubrication film maintained at high temperatures
- Excellent Filterability
- Latest anti-wear and EP technology
- Excellent oxidation and thermal stability
- Safe for use on all common metals including Silver

Applications

Recommended for both Industrial and off highway hydraulic systems, where extreme operating conditions are encountered. Can also be used in hydrostatic drives, power steering systems, brake systems and other applications where products of this type and specification required.

Liquimatic D 46 is particularly recommended for contractors' plant and machinery operating under severe conditions and/or highly variable weather conditions.

Performance Levels

DIN 51524 Part 3

DIN 51502 HVLP-D

Sperry Vickers I-286-S3, M-2950-S

Denison HF-0 dry and wet T6C-020

All specifications met or exceeded excluding water separability

Poclain (HV 46)

AFNOR 48 603-HV

Cincinnati Milacron P-70

Denison HF-1, HF-2

Physical Characteristics

Appearance	Blue liquid
Relative Density @ 15.6°C	0.870
Kinematic Viscosity @ 40°C (cSt)	45.80
Kinematic Viscosity @ 100°C (cSt)	8.60
Viscosity Index	170
Closed Flash Point (°C)	195
Pour Point (°C)	-48

Figures based on average production values.

(TDS Liquimatic D46 – 180216 Issue 3)