



REDOIL

TECHNICAL DATA SHEET



EELQMS
EUROPEAN ENGINE
LUBRICANTS QUALITY
MANAGEMENT SYSTEM

Data di prima emissione
07/03/2024

N-ATURHIDRUS 46

Vegetable hydraulic lubricant

SPECIFICS

- ISO VG 46
- DIN 51524 PART 3 HVLP ISO 6743-4 ISO-L-HV ISO 11158 HV
- US Parker Denison HF-0/1/2 Level
- Fives Cincinnati P70 (ISO 46) BS4231 HSE EATON VICKERS I-286/M2950-S
- Eaton Brochure 03-401-2010 SAE MS1004 SAWER -DANFOSS GM LS-2
- U.S. STEEL 127/136 BOSCH REXROTH RDE 90220 LINDE AISE 127 AFNOR NF 48603 HV

TECHNICAL DESCRIPTION

Specific hydraulic fluid in applications where lubricant leaks are unavoidable and can pose a serious risk to the environment. In today's environmentally sensitive environment, hydraulic lubricants, the most widely used category, emerge as a key element of sustainability when it comes to protecting the environment.

The special N-ATURHIDRUS range with low aquatic toxicity and high biodegradability contributes significantly to the safety and protection of our territories.

Formulated with special vegetable bases suitably blended with innovative additives that fully meet the needs and stringent requirements of modern fluid-dynamic technology, it provides high quality functions and is particularly appreciated for its ability to meet specific needs and for its suitability for use in industrial hydraulic systems, servo-valve systems and in both mobile and stationary applications, including tractors, excavators, marine, forestry and construction vehicles.

The use of this product ensures

- High viscosity index, to operate even under severe temperature fluctuations;
- Maximum oxidation stability;
- Hydrolytic stability;
- Excellent compatibility with materials;
- High anti-corrosion and anti-rust properties;
- High anti-foaming capacity;
- Excellent pumpability.

For further details, please contact the technical department



P.IVA/C.F.: 03903071219



Via Boscofangone, Zona industriale ASI
80035 – NOLA (NA) – ITALIA
Tel: 081 3151396/97
Fax: 081 3151605
Web: www.siralspa.it
laboratorio@siralspa.it

Responsabile di laboratorio

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Typical characteristics

Properties	Unit	Method	Average values
Density at 15°C	Kg/m ³	ASTM D 1298	882
Kinematic viscosity at 40°C	cSt	ASTM D 445	46
Kinematic viscosity at 100°C	cSt	ASTM D 445	9,19
Viscosity index	-	ASTM D 2270	180
Flash Point	°C	ASTM D 92	270
Pour point	°C	ASTM D 97	-34

MODE OF USE

Use in accordance with the recommendations in the user and maintenance manual supplied by the manufacturer. Store in a cool, dry place, protected from direct sunlight and at temperatures not exceeding 60°C (140°F).

SAFETY AND ENVIRONMENT

Use in accordance with the recommendations provided in the Safety Data Sheet. Additional information on MSDS.