



REDOIL

TECHNICAL DATA SHEET



EELQMS
EUROPEAN ENGINE
LUBRICANTS QUALITY
MANAGEMENT SYSTEM
Data di prima emissione
07/03/2024

FOOD 46

Food-Grade Lubricant

SPECIFICS

- ISO VG 46
- Formulated with approved products FDA 21 CFR 178.3620(b) NSF H1

TECHNICAL DESCRIPTION

Multifunctional fluid from the FOOD line, designed for applications where high food safety must be guaranteed together with the organoleptic integrity of processed products. Specifically formulated for the lubrication of machine systems used in the food, cosmetic and pharmaceutical industries, it is applied in all cases where there is a real risk that the lubricant may come into contact with foodstuffs or may come into contact with cosmetic and pharmaceutical preparations, thus compromising their nature and safety. FOOD series oils are particularly popular because their odourless, tasteless and colourless composition helps maintain product integrity and preserve product quality. The segments of greatest use are those where a hydraulic or pneumatic function is required for low viscosity gradations, while higher gradations are more appropriate as a gear fluid.

The use of such a product ensures:

- Absence of toxic impurities;
- Highest degree of safety for accidental contact with foodstuffs;
- Chemical inertness;
- Maximum stability to oxidation;
- Hydrolytic stability;
- Excellent material compatibility;
- High anti-corrosion and anti-rust properties;
- High anti-foaming capacity;
- Excellent pumpability.



For further details, please contact the technical department



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Typical characteristics

Properties	Unit	Method	Average values
Density at 15°C	Kg/m ³	ASTM D 1298	830
Kinematic viscosity at 40°C	cSt	ASTM D 445	46
Kinematic viscosity at 100°C	cSt	ASTM D 445	8,57
Viscosity index	-	ASTM D 2270	155
Flash Point	°C	ASTM D 92	246
Pour Point	°C	ASTM D 97	-49

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.