



# REDOIL



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

## TECHNICAL DATA SHEET

### INGRASYNTH EP 46

*Fully synthetic gear lubricant*

#### SPECIFICS

- ISO VG 46 DIN 51517 part 3 CLP-HC
- ISO 12925-1 (CKC)/CKD/CKE/CKSMP
- ISO 6743-6 (CKC)/CKD/CKE/CKSMP
- AIST 224 US Steel 224
- CINCINNATI EP
- AGMA 9005-E02
- DAVID BROWN S1.53.101 E



#### TECHNICAL DESCRIPTION

PAO synthetic lubricant designed through the study of energy efficiency to improve economic sustainability by reducing operating costs.

The special fully synthetic formulation together with EP additives ensures superior performance, protection and maximum operational reliability.

Specific for the lubrication of equipment such as: gears, gearboxes, bevel and cylindrical bearings, hydraulic couplings and industrial machinery in general, as well as in particularly demanding applications such as construction, concrete mixing, agricultural equipment and earth moving.

The use of this product ensures:

- Reduced fuel consumption thanks to the highly energy-efficient AEE system;
- Extended oil change intervals;
- Maximum performance efficiency;
- Excellent thermal and oxidative stability;
- Reduced friction;
- Excellent anti-wear performance;
- High anti-corrosion and anti-rust properties;
- High anti-foaming capacity.

*For further details, please contact the technical department*



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Responsabile di laboratorio

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#### *Typical characteristics*

Properties	Unit	Method	Average values
Density at 15°C	Kg/m <sup>3</sup>	ASTM D 1298	843
Kinematic viscosity at 40°C	cSt	ASTM D 445	46
Kinematic viscosity at 100°C	cSt	ASTM D 445	8.1
Viscosity index	-	ASTM D 2270	150
Flash Point	°C	ASTM D 92	240
Pour point	°C	ASTM D 97	-55
FZG scuffing test A/8,3/90	-	ISO 14635-1	12+

#### 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.