



# REDOIL

## TECHNICAL DATA SHEET

### INGRASYNTH EP 680

Fully synthetic gear lubricant



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

#### SPECIFICS

- ISO VG680 AGMA 8EP
- ISO 12925-1 (CKC)/CKD/CKE/CKSMP
- ISO 6743-6 (CKC)/CKD/CKE/CKSMP
- DIN 51517 part 3 CLP -HC
- US Steel 224 AIST 224
- AGMA 9005-E02
- GB5903
- CINCINNATI MILACRON P35
- DAVID BROWN S1.53.101 E
- SIEMENS FLENDER Rev. 15 level



#### 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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### INGRASYNTH EP 460

#### *Typical characteristics*

Properties	Unit	Method	Average values
Density at 15°C	Kg/m <sup>3</sup>	ASTM D 1298	859
Kinematic viscosity at 40°C	cSt	ASTM D 445	680
Kinematic viscosity at 100°C	cSt	ASTM D 445	56,6
Viscosity index	-	ASTM D 2270	145
Flash Point	°C	ASTM D 92	257
Pour Point	°C	ASTM D 97	-33
FZG scuffing test A/8,3/90	-	ISO 14635-1	13+

#### 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.