



REDOIL

TECHNICAL DATA SHEET

INGRASYNTH EP 220

Fully synthetic gear lubricant



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

SPECIFICS

- ISO VG 220 AGMA 5 EP
- 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 P74
- 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 shipbuilding, concrete mixing, agricultural equipment and earth moving.

The use of this product ensures

- Reduced consumption thanks to the high energy efficiency 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



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 | 853 |
| Kinematic viscosity at 40°C | cSt | ASTM D 445 | 220 |
| Kinematic viscosity at 100°C | cSt | ASTM D 445 | 26.1 |
| Viscosity index | - | ASTM D 2270 | 151 |
| Flash Point | °C | ASTM D 92 | 250 |
| Pour point | °C | ASTM D 97 | -47 |
| 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.