



REDOIL



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

TECHNICAL DATA SHEET

INGRA EP 220

Mineral gear lubricant

SPECIFICS

- ISO VG 220 AGMA 5EP
- AGMA 9005 E02
- DIN 51517 part 3 CLP
- ISO 12925-1 CKC/CKD
- ISO6743-5 CKC/CKD
- GB5903
- AIST 224 US Steel 224
- CINCINNATI MILACRON P74
- DAVID BROWN S1.53.101 E



TECHNICAL DESCRIPTION

A technical lubricant with a mineral composition designed to protect gears, gearboxes, bearings and couplings used in industrial applications of machines and mechanical devices operating under extremely severe conditions from breakage. Its exceptional ability to transfer heavy loads with smoothness, together with its anti-friction characteristics, offers maximum comfort and smoothness of motion, neutralising the harmful phenomenon of micropitting.

The use of such a product ensures:

- Protection from micropitting phenomena;
- Excellent thermo-oxidative stability;
- Maximum EP protection.

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	878
Kinematic viscosity at 40°C	cSt	ASTM D 445	220
Kinematic viscosity at 100°C	cSt	ASTM D 445	19,2
Viscosity index	-	ASTM D 2270	100
Flash Point	°C	ASTM D 92	237
Pour point	°C	ASTM D 97	-24
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.