

AGMA 5EP ISO 220

AGMA 5EP ISO 220 is specifically formulated for extreme pressure protection of moderate to heavily loaded industrial gears and bearings. It is blended from **Synthetic PAO** base stocks providing inherently good high and low temperature protection. When compared to conventional products, **AGMA 5EP ISO 220** provides better oxidation life and low temperature flow. Using Synthetic PAO has the capability of extending oil drains and increasing equipment efficiency. In combination with premium additive chemistry, it provides excellent anti-wear and extreme pressure load protection, as well as rust and corrosion control.

Specifications and Approvals

AGMA 5EP ISO 220*
AGMA 9005-E02
US Steel 224
David Brown S1.53.101
DIN 51517 - Part 3
ISO 12925-1 CKC/ CKD
GM LS 2 EP Gear Oil
Fives Cincinnati Machine Gear

*Check owners' manual before use.

Applications

Designed to be using in heavily loaded industrial gears and bearings. May also be used for the lubrication of industrial enclosed gear sets and in heavily loaded plain, roller, or other types of anti-friction bearings.

Also available in ISO 320 Grade.

Please consult the equipment manual before use.

Features and Benefits

Synthetic PAO Based

Provides inherently good high and low temperature protection

Superior Protection

AGMA 5EP ISO 220 fight the major causes of gear failure system failure – deposits, rust and wear.

Extreme Pressure Properties

The advanced Extreme Pressure additive ensures maximum wear protection and enhances component life.

Wear protection

The advanced Anti-wear additive system ensures maximum wear protection and enhances component life.

Wear protection

The advanced Extreme Pressure additives ensures excellent wear protection and enhances component life

Superior Water Separation

Very good demulsibility performance for longer fluid life and rust prevention

PRODUCT INFORMATION



Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvoline.com.au or contact the Technical Hotline on 1800 804 658 for product recommendations.

Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

AGMA 5EP ISO 220	Typical
ISO Grade	220
Viscosity @ 100 °C, mm ² /s, ASTM D445	30.1
Viscosity @ 40 °C, mm ² /s, ASTM D445	220.3
Viscosity Index, ASTM D2270	178
Density @ 15 °C, kg/L, ASTM D4052	0.851
Pour Point, °C	-45
AGMA EP Classification No	5
Equivalent SAE Gear Oil Grade	90
FZG Gear Test, Pass Load Stage	>14
Copper Corrosion, 3 Hour @ 100 °C, ASTM D130	1B
Rust Preventative (Distilled & Salt Water), ASTM D665 A & B	Pass

Note: AGMA 5EP ISO 220 may be unsuitable for use in some applications, always consult owners' manual if in doubt.

This information only applies to products manufactured in the following location(s): Australia

Part Number	Pack Size
1406.20	20L

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request via your local sales office or 1800 804 658 or through our website www.valvoline.com.au

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60 °C, exposed to hot sun or freezing conditions.

Author:

VP - Effective 15-06-2020
Replaces - 1406/New