



# Allied MEGA Industrial EP Gear Oil

*Specially formulated for superior protection in a wide range of industrial gear applications, especially where added extreme pressure protection is required.*

Allied MEGA Industrial EP Gear Oils utilize 100% virgin high viscosity index paraffinic base oils blended with higher viscosity solvent neutral oils and heavy bright stocks to provide the proper stable finished viscosity needed for each application. Allied Mega EP Oils provide superior thermal and oxidative stability to prevent formation of harmful deposits and have outstanding low and high temperature properties.

They contain one of the newest and most advanced field proven EP gear oil additive systems for outstanding protection against wear, even under high temperature, high-pressure conditions. They also provide excellent protection against rust and corrosion. They have superior seal compatibility and anti-foam characteristics to ensure smooth operation and continuous lubrication.

All Allied products are formulated to meet, or exceed, all relevant industry standards. The chart below highlights the key protection and performance features and benefits provided by our **Allied MEGA Industrial EP Gear Oil.**

## FEATURES

Utilizes 100% virgin blended high viscosity paraffinic base oils combined with heavier bright stocks for target viscosity

Utilizes new technology advanced, extreme pressure gear oil additive system. Field proven and tested

## BENEFITS

- Superior thermal and oxidative stability to prevent deposit formation and fluid thickening
- Maintains proper oil flow and viscosity for outstanding wear protection, especially under severe operating conditions
- Excellent demulsibility to prevent rust and corrosion
- Superior protection against wear, especially under high-pressure, high temperature operation conditions
- Excellent rust and corrosion protection
- Anti-foam properties to ensure smooth operation and continuous lubrication



To find out more about our products and services, contact us at: (402) 344-4343 or visit [www.alliedoil.com](http://www.alliedoil.com)



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Allied MEGA Industrial EP Gear Oils are recommended for all closed gear sets operating under severe service. They exceed the following key specifications:

- U.S. Steel 224
- AGMA 9005
- Cincinnati Machine P-63 (ISO 68), P-76 (ISO 100), P-77 (ISO 150), P-74 (ISO 220), P-59 (ISO 320), P-35 (ISO 460)
- Bijur Equipment



## Typical Properties:

PROPERTY	METHOD	ISO 68	ISO 100	ISO 150	ISO 220	ISO 320	ISO 460
Gravity, °API	ASTM D287	30.6	28.77	27.58	27.08	25.58	24.84
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8729	0.8829	0.8895	0.8923	0.9008	0.9051
Viscosity @ 40°C cSt	ASTM D445	67.23	98.85	146.3	219.4	328.2	467
Viscosity @ 100°C cSt	ASTM D445	8.87	11.74	15.07	19.49	25.06	31.34
Viscosity Index	ASTM D2270	105	108	104	101	99	98
Pour Point °C (°F)	ASTM D5950	-30°C (-22°F)	-30°C (-22°F)	-27°C (-17°F)	-24°C (-11°F)	-15°C (5°F)	-15°C (5°F)
Color	ASTM D 1500	0.5	2.5	2.5	2.5	2.5	3.5
Phosphorus, wt. %	ASTM D 5185	0.013	0.013	0.013	0.013	0.013	0.013
Sulfur, wt. %	ASTM D 4951	0.336	0.336	0.336	0.336	0.336	0.336

CLAIMS INFORMATION	ISO 68	ISO 100	ISO 150	ISO 220	ISO 320	ISO 460
	U#S# Steel 224 AGMA 9005 D-94 Cincinnati Machine/ Milacron	U#S# Steel 224 AGMA 9005 D-94 Cincinnati Machine/ Milacron	U#S# Steel 224 AGMA 9005 D-94 Cincinnati Machine/ Milacron	U#S# Steel 224 AGMA 9005 D-94 Cincinnati Machine/ Milacron	U#S# Steel 224 AGMA 9005 D-94 Cincinnati Machine/ Milacron	U#S# Steel 224 AGMA 9005 D-94 Cincinnati Machine/ Milacron

**ALWAYS CONSULT OWNERS MANUAL FOR CORRECT VISCOSITY GRADE**

Due to our goal of continuous improvement and commitment to keep pace with changing requirements, the information contained in this product sheet is subject to formulation changes without notification. Check with your Allied sales representative to make sure you have the most up-to-date product sheet. The version to reference is located in the right hand corner of this product sheet.

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