

AMALIE®

Better than it has to be®
Since 1903



INDUSTRIAL GEAR OIL

ISO
220

MINERAL BASE

BENEFITS:

- » Excellent EP and Anti-Wear Properties
- » Excellent Yellow Metal Protection
- » Excellent Seal Compatibility



MADE IN U.S.A.



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INDUSTRIAL GEAR OIL MINERAL BASE

AMALIE Industrial Gear Oil (Mineral Base) 220 is a compounded lubricant containing extreme pressure (EP) additives. It is formulated to provide excellent oxidation stability, water separability, wear protection, seal compatibility, and to reduce micro-pitting enabling your gearbox to run longer. This gear oil offers outstanding performance for enclosed gear applications.

AMALIE Industrial Gear Oil (Mineral Base) 220 is thermally stable, has good filtration properties, and is extremely resistant to gear wear and scuffing. This oil is formulated for highly loaded enclosed industrial gear boxes with splash or forced circulation systems. It may be used to lubricate steel-on-steel, spur, helical, bevel, or planetary gear drives.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

ISO Grade.....	220
API Gravity.....	28.0
Flash Pt. °C.....	>240
Viscosity cSt@40°C.....	220
Viscosity cSt@100°C.....	19.0
Viscosity Index.....	100
Pour Pt, °C.....	-20
AGMA Grade.....	5EP
Timken OK Load.....	≥70
FZG Load Stage.....	>14
Water Separation, D2711.....	Pass
Oxidation, S-200.....	Pass
Foam Suppression, D892.....	Pass

Typical values are listed. Variations not affecting the performance of this fluid may occur during production; however, these variations will not fall outside of set specification parameters.

APPLICATIONS

AMALIE Industrial Gear Oil (Mineral Base) 220 meets the following OEM, Industry and national specifications: AGMA EP 9005-F16; ISO 12925-1 Type CKD (ISO 68-460); ISO 12925 Type CKC (ISO 680 and 1000); DIN 51517-Part 3 CLP; AIST (Steel) 224 (ISO 68-460); China National Standard GB 5903-2011 CKD (ISO 68-460); China National Standard GB 5903-2011 CKC (ISO 680 and 1000)

Additional Information: Please use proper handling and care that you would use with any lubricating oil.

Please consult AMALIE Technical Services or your local representative for a full listing of applications.

Technical Services: • (800) 368-1264 • techservices@amalie.com

Health and Safety

Safety Data Sheets (SDS) are available from your sales representative or at AMALIE.com.

INDUSTRIAL GEAR OIL - MINERAL BASE

VISCOSITY	PACK SIZE	PART #
220	55 Gallon Drum	160-73233-05

Always refer to your vehicles operating manual to select the correct grade of oil for your engine. The data presented herein are believed to be accurate; however, Amalie Oil Company shall not be liable for its content and makes no warranty with respect thereto.