

### ENDUROGEAR SP 220

#### PRODUCT DESCRIPTION

Endurogear SP 220 Industrial Gear Oil is an extreme pressure gear lubricant designed to operate over a wide range of temperatures and conditions. The fluid possesses excellent high temperature oxidation stability and superior low temperature fluidity. Endurogear SP 220 Industrial Gear Oil rapidly separates water preventing the formation of anti-lubricating emulsions. The product incorporates special additives that protect equipment from rust, corrosion, and foaming. In addition, extreme pressure additives provide optimum protection against shock loading in high load carrying conditions. Endurogear SP 220 Industrial Gear Oil is suitable for use in virtually all types of industrial settings. Typical applications include gear sets and oil circulating systems in steel mills, foundries, glass and bottle manufacturing plants, injection moulding machines, paper mills and electrical wheel motors used in surface mining and quarries, shearing arms in underground coal mining, cement kilns, petroleum, and chemical processing plants.

#### APPLICATIONS & BENEFITS

- Extreme Pressure additives provide optimum protection for equipment under severe shock loading.
- Special additives provide thermal and oxidation stability.
- Reduced foaming ensures all parts remain in contact with the lubricating fluid.
- Rapid water separation reduces the formation of harmful emulsions.

#### PACK SIZES AVAILABLE

5L - 20L - 200L

#### SPECIFICATIONS

- ANSI/AGMA 9005-E02[EP]
- U.S. Steel 224
- AGMA 250.04[EP]
- AGMA 251.02[EP]
- David Brown Table E approved

#### TYPICAL CHARACTERISTICS

ENDUROGEAR SP 220	UNITS	VALUES
VISCOSITY	cSt @ 40°C	219.1
	cSt @ 100°C	19.83
SPECIFIC GRAVITY	@ 15°C	0.881
VISCOSITY INDEX		104
POUR POINT	°C	-18
FLASH POINT	°C	280
Timken OK Load, kg		27
FZG pass stages		12

The information contained in this Product Data Sheet is accurate at the time of printing and is subject to change without prior notice.

\* Vertex is a registered trademark of Lubricants NZ Ltd.

### ADDITIONAL INFORMATION

Designed for New Zealand Conditions | Manufactured from virgin base stocks. For more technical information please contact Vertex Lubricants NZ Technical Dept. +64 9 640 0004. Sheet updated 27 June 2023.