

## PNEUMATIC VG 100

**Quality class:** ISO 6743/11: PAC, PBC  
**Viscosity grad:** ISO VG: 100

### GENERAL FEATURES:

This high-quality oil for pneumatic impact tools has been developed based on hydrofined mineral base oils with specifically matched enhancement additives. With its unique properties, the oil forms a strong lubricating film to protect friction faces that are subject to heavy loads. Owing to its adhesion, corrosion resistance and emulsification properties, it enhances devices' longevity even in humid and dusty environments. Its elevated viscosity index improves the viscosity-temperature characteristics and allows it to operate in a broad range of temperatures. It is characterized by:

- good adhesion with a strong lubrication film
- excellent wear and seizure resistance
- excellent corrosion resistance
- excellent resistance to oxidation and thermal stability
- excellent foaming resistance
- good performance in the presence of water thanks to its emulsification properties

### APPLICATION:

Pneumatic VG 100 oil is intended for lubricating pneumatic impact tools, such as pneumatic hammers, impact drills, etc., operated in heavy-load conditions, such as underground and surface mining sites. The oil is also suitable for lubricating other pneumatic devices used in industrial and construction applications for which excellent lubrication properties are required with viscosity class of ISO VG 100.

PARAMETERS	UNIT	TYPICAL VALUES
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	101
Viscosity index	-	105
Flow temperature	°C	-30

**NOTE:**  
Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.

