



PNEUMA

Mineral oil for pneumatic tools

Applications

Pneumatic tools

PNEUMA is formulated from high quality base stocks and specific additives to meet the requirements of pneumatically operated equipment, percussion, or rotary, such as rock drills and jack hammers. It is adapted to underground and surface mining operation, as well as other industrial applications, at any ambient temperature thanks to a wide viscosity range and low pour points.

Specifications

International specifications

- ISO 6743/11 Class ISO-L-PAB.

Advantages

Long lasting equipment

Operating cost savings

- High impact strength due to the extreme pressure additives preventing the equipment wear
- Emulsifiable, to prevent wear, corrosion, and sludges due to the presence of water, to increase drain intervals and equipment lifetime
- High tackiness to maintain continuous oil film, reducing oil mist pollution and oil consumption
- Antirust properties to protect the equipment and increase the lifetime

TYPICAL CHARACTERISTICS	METHODS	UNITS	Pneuma					
			46	68	100	150	220	320
Density at 15 °C	ISO 3675	kg/m ³	878	888	889	892	894	896
Viscosity at 40°C	ISO 3104	mm ² /s	46	68	100	150	220	320
Viscosity index	ISO 2909	-	109	102	102	101	99	98
Open cup Flash Point	ISO 2592	°C	>220	>220	>220	>220	>220	>220
Pour point	ISO 3016	°C	-30	-30	-23	-18	-12	-12

Above characteristics are mean values given as an information.



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