



PRODUCT DATA SHEET

EKO AERO EP Lubricants for pneumatic equipment

DESCRIPTION

The EKO AERO EP lubricant series includes high performance lubricants specifically designed for the lubrication of rock drills and pneumatic tools. EKO AERO EP lubricants exhibit excellent adhesive and emulsifying properties, and do not cause sludge build-up that could slow down valve movement. These properties, combined with the excellent EP characteristics of the EKO AERO EP series lubricants, help provide optimal lubrication and prolong the life of the equipment.

APPLICATIONS

- Underground and aboveground applications in mines, and applications in industry and construction.
- EKO AERO EP 46 is chiefly recommended for use in lightweight air tools and drills during winter months.
- EKO AERO EP 100 is suitable for medium and heavy-duty applications in mining and construction.
- EKO AERO EP 150 is recommended for use all year round in applications operating in high temperatures.

ADVANTAGES

- Excellent resistance to oxidation and sludge build-up.
- Very good adhesion characteristics.
- Effective lubrication in the presence of moisture.
- Excellent protection against rust and corrosion in the presence of moisture.
- Excellent protection of tools against wear.
- Minimizes oil mist formation, ensuring a safer working environment.



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TYPICAL CHARACTERISTICS

| Properties | Methods | Units | EKO AERO EP 46 | EKO AERO EP 68 | EKO AERO EP 100 | EKO AERO EP 150 |
|----------------------------|------------|-------|-------------------|-------------------|--------------------|--------------------|
| ISO Viscosity Grade | - | - | 46 | 68 | 100 | 150 |
| Density, 15°C | ASTM D4052 | g/ml | 0.878 | 0.880 | 0.888 | 0.890 |
| Kinematic Viscosity, 100°C | ASTM D445 | cSt | 6.7 | 8.6 | 11.1 | 14.5 |
| Kinematic Viscosity, 40°C | ASTM D445 | cSt | 46 | 68 | 100 | 150 |
| Viscosity Index (VI) | ASTM D2270 | - | 99 | 98 | 96 | 96 |
| Pour Point | ASTM D5950 | °C | -24 | -24 | -21 | -18 |
| Flash Point, COC | ASTM D92 | °C | 230 | 240 | 250 | 260 |

HEALTH AND SAFETY

Protect the environment while disposing of used product. Used lubricants should be collected at specific points to ensure they do not pollute the environment. Do not mix with solvents, brake fluids, antifreeze fluids and water, to allow for proper handling.

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This data sheet provides basic information on the product as at the date of drafting. For further information regarding applications, please contact EKO ABEE Technical Support, tel. +30 210 5509 511.
Advice on safe handling is provided in the Safety Data Sheet.