



Product Information:

# ARIA EP 100,150,220

## Airline and Rock Drill Lubricants

### Description:

This is a range of oils specifically designed for the lubrication of percussion type air tools. Special lubricants are required for this application to counter the sudden drop in temperature and increase in relative humidity when air expands in the tool.

The ARIA EP range have low pour points and special additives to protect against rust, corrosion and water washing. They have excellent anti-wear and EP properties, providing protection against wear in the most demanding of systems. They also contain a vital antifogging agent to maintain a healthy working environment and an antifoamant to facilitate the rapid release of air from the oil. A special tackiness additive improves lubrication in severe working conditions.

### Applications:

Recommended for air tools of all types including rock drills, road drills, pneumatic pile drivers, jack hammers, air speed saws and torque wrenches. Also recommended for air motors and the lubrication of pneumatic rams and cylinders. Can also be used for general lubrication in industrial applications.

### Performance Levels:

Meets the extreme pressure and anti-wear requirements of the U.S. Steel 224, AGMA 250.04 specifications and most other air tool manufacturers.

### Physical Characteristics:

ISO VG Grade	100	150	220
Appearance	Red liquid	Red liquid	Red liquid
Density @ 15°C	0.885	0.888	0.890
Viscosity @ 40°C (cSt)	95.8	155.1	220.1
Closed Flash Point (°C)	190	190	190
Pour Point (°C)	-24	-33	-36
Copper Corrosion (ASTM 130)	Class 1a		
FZG Gear Test, pass load	Stage 12		
Timken Test (ASTM D2782)	OK load 60lb		
Four Ball EP Test (ASTM D2783), weld	250Kg		
Rust Characteristics (ASTM D665)	Passes A & B Phases		

Figures based on average production values

Part No.s: EP100 ARO025, ARO205  
EP150 ARD025  
EP220 ARI025

(TDS Aria EP – 181215 Issue 6)

