

ARIA EP 100, 150, 220

AIRLINE AND ROCK DRILL OILS

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

Aria	EP100	EP150	EP220
ISO VG Grade	100	150	220
Density	0.888	0.896	0.896
Flash Point, closed (°C)	180	180	190
Viscosity cSt at 40°C	98.8	155	225
Pour Point (°C)	-25	-30	-25
Rust (ASTM D-665)	Passes A & B phases		
Copper Corrosion (ASTM D-130)	Class 1a		
FZG Gear Test, pass load	Stage 12		
Timken Test (ASTM D-2782)	OK load 60lb		
Four Ball EP Test (ASTM D-2783), weld	250 Kg		
Four Ball EP Test (ASTM D-2783), LWI	45 Kg		
Four-1 Ball Wear Test (ASTM D-2266) Scar dia.	0.3 mm		
Demulsibility (ASTM D-2711), Free water.	85ml		



Certificate No. FM 21756
BS EN ISO9001 2000

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