



Industrial  
Lubricants



Automotive  
Lubricants



Biodegradable  
Lubricants



Agricultural  
Lubricants



Cleaning &  
Maintenance



Greases &  
Pastes



Foodsafe  
Lubricants



Heritage Oils



Lubrication  
Equipment



Metalworking  
Fluids



## Rock Drill Oils

Pneumatic Tool Lubricants

Product Code: ANA, ANB, ANC, AND, ANE

### Product Description

Pennine Rock Drill Oils are formulated from solvent refined paraffinic mineral oils and incorporate anti-wear, anti-corrosion, antioxidant, extreme pressure, and adhesive additives to give the ideal combination of properties for rock drill lubrication. Rock Drill Oil 100E also contains an emulsifying additive to enable it to absorb water whilst maintaining a lubricating film. They offer excellent lubricity and provide high oil film strength to prevent wear and the generation of excessive heat. The extreme pressure properties are essential where rupture of the lubricating film may occur within the impact mechanism where both reciprocating and rotary motions are encountered.

### Applications

Pennine Rock Drill Oils are designed to meet the lubrication requirements of all percussion type pneumatic tools. Rock Drill Oil 32 is recommended for use as an airline lubricant for air tool applications both percussive and rotary whilst the 100, 220T, 320T and 100E grades are recommended for the lubrication of medium to severe duty rock drills used in mine, quarry and civil engineering applications.

### Typical Test Data

Rock Drill Oil	ANA 32	ANB 100	ANC 100E	ANE 220T	AND 320T
ISO Viscosity Classification	32	100	100	220	320
Density @ 15°C	0.87	0.89	0.89	0.89	0.89
K.V. @ 40°C (cSt)	32	100	100	220	320
K.V. @ 100°C (cSt)	5.5	11.4	11.4	19.2	24.6
Flash Point (°C)	203	241	245	249	255
Pour Point (°C)	-22	-22	-22	-6	-6



Certificate Number: 9480  
ISO 9001



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### Availability

Pennine Rock Drill Oils are available in bulk, 1000 litre IBC's, 205 litre barrels, 25 litre drums. And 5 litre plastic bottles.

### Storage

Barrels of lubricant should always be stored in such a way that will prevent the ingress of water when stored in the open.

### Health and Safety

Please refer to the relevant Health and Safety Data Sheet, a copy of which is freely available to all our customers.

Data represented is typical of that obtained with normal production tolerances and does not constitute a specification. The policy of Pennine Lubricants is one of continual improvement, we therefore reserve the right to change specifications without notice.



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