PolairDrill™ Polar Rock Drill Oils

25 Years - PolairDrill™ Polar rock drill oils / air tool lubricant

Powerful, economical protection for miners and equipment

Cost / use benefit of PolairDrill™ rock drill oils

PolairDrill™ cost / use benefit

Typical lubricator capacity - 1.5 pint = 0.7 litres (imperial)

Drillers using jacklegs and stopers have told us they fill the lubricator on average 1.5 times per shift.

Based on an average cost of $48 USD per 20 litre pail, or $2.40 per litre, the cost of using a regular rock drill oil is 0.7 X 1.5 times per shift = $2.52 USD per shift.

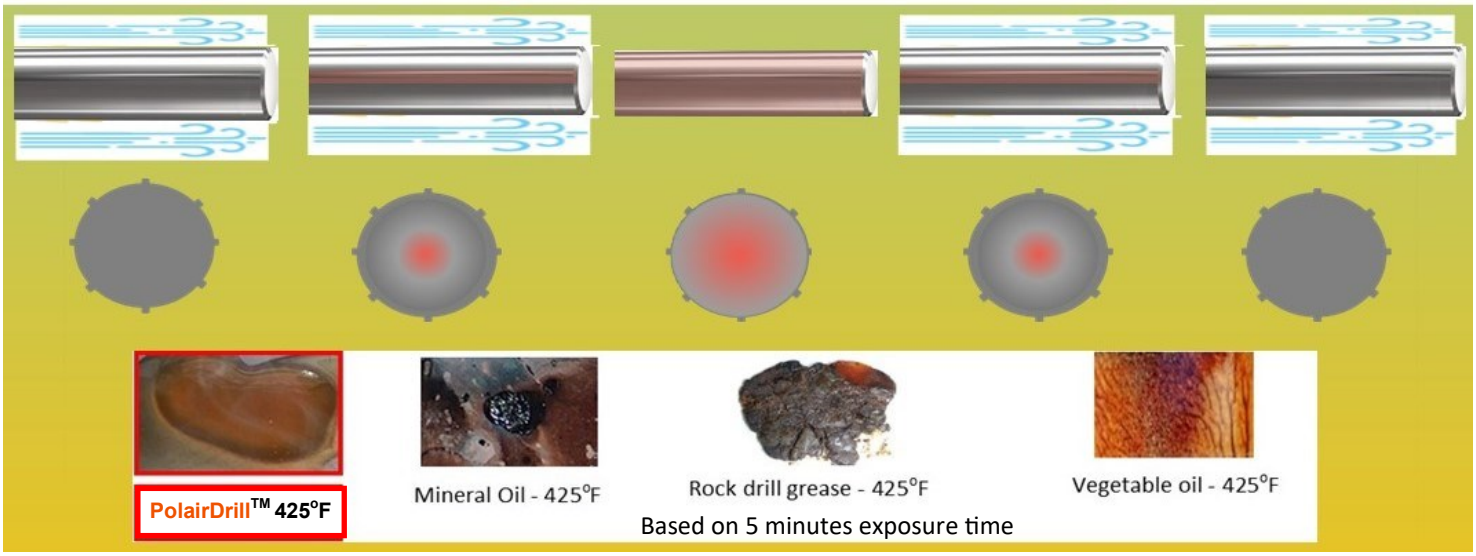
In an 8 hour shift, the cost per hour is $2.52 divided by 8 = **$0.315 per hour** to use standard rock drill oil.

Based on a cost of $145 USD per 20 litre pail of PolairDrill™ (7.26 USD), the use cost per hour would be (0.7 litres X 1.5 = 1.05 litres per shift) = $7.26 USD X 1.05 = $7.62 USD per shift.

Therefore in an 8 hour shift, the cost per hour to use PolairDrill™ = $7.62 dived by 8 = **$0.95 USD per hour**.

For roughly $0.63 USD per hour, PolairDrill™ provides the following benefits:

- Minimized consumption rates - set lubricator to **LOW** setting
  - Football style lubricators inject oil at rates proportional to the viscosity of the oil you are using. Higher viscosity oils will flow at lower rates than less viscous oils. Unless you are using precision lubricators (ex. needle and seat style) It isn't feasible to expect to dramatically lower consumption rates. However, if you are using precision lubricators, you can safely reduce injection rates due to the tough polar lubricant film.
- Protection against heat wear roughly 200°F.(93°C) higher than regular rock drill oil (see insert below).
- Reduction of oil fog and oil smoke - Improved health and safety conditions
- Cleaner, safer working conditions.



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