

# **Atlas Copco Rock Drilling Tools**

## **SECOROC Down the hole equipment**

### Super-Tac Premium Rock Drill Oil



#### **Maintain performance and reliability**

Atlas Copco's Super-Tac rock drill oils are engineered and developed for the unique requirements of today's high performance DHD's. Pressure, power and performance are higher today than ever before, and you need an oil you can count on. Super-Tac can handle internal loading and contact pressure like no other oil available. It performs so well that Atlas Copco offers an extended warranty for the internal parts of DHD's lubricated with Super-Tac.

# Super-Tac Premium Rock Drill Oil

Hammer Pressure		Ambient or Hammer Inlet Air Temperature (1)							
		DEG F -16 TO 20	DEG C -26 TO 7	DEG F 20 TO 60	DEG C 7 TO 16	DEG F 60 TO 90	DEG C 16 TO 32	DEG F ABOVE 90	DEG C ABOVE 32
PSI	BAR								
0 to 150	0 to 10	LIGHT		MEDIUM		HEAVY		HEAVY	
150 to 250	10 to 17	LIGHT		MEDIUM		HEAVY		EXTRA HEAVY	
250 to 400	17 to 28	MEDIUM		HEAVY		EXTRA HEAVY		EXTRA HEAVY	
Grade	1 Gallon 3.8 Liter	5 Gallon 18.9 Liter	55 Gallon 207 Liter	ISO Grade Approx.	Viscosity (Cst@40C)	Viscosity Index (typ)	Pour Point Max F (C)	Flash Point Min F (C)	Emulsion Min to 35ml
Test Reference - ASTM						D2270	D97	D92	D1401
Test Reference - ISO						2909	3104	2592	3488
LIGHT	52334174	52333192	52333200	100	90-110	124	-16F/-26C	460F/237C	> 60
MEDIUM	52334182	52333218	52333226	220	198-242	121	0F/-17C	457F/236C	> 60
HEAVY	52334190	52333234	52333242	460	380-430	94	10F/-12C	455F/235C	> 60
EXTRA HEAVY	52334208	52333259	52333267	680	560-610	94	10F/-12C	455F/235C	> 60

**Notes:**

1) The temperature basis for selecting oil is based upon the ability for venturi or plunger lubricators to reliably dispense oil at temperature. If this is not a limitation, select heavier oils based on hammer air pressure. Note that the lubricated regions of most DHD's and drifters are operating in excess of 150F.

2) Atlas Copco recommends injecting 1/3 pint per hour for every 100 acfm of air delivered. Or, 1/4 liter per hour for each 5m<sup>3</sup>/min<sup>3</sup>. These amounts should be doubled when injecting more than 2 gpm of water.

## Copper Blend High Temperature Drill Pipe Lubricant

- Contains no lead or zinc.
- Formulated with a proprietary blend of copper, graphite and other additives for unequaled protection and prevention of excessive circumferential makeup in hostile drilling environments.
- Inhibitors protect against rust and corrosion.
- Aluminum complex grease base for brushability and stability over a wide temperature range.
- Adheres to oily threads
- Applies easily with brush.

Available in:

SIZE	PART NUMBER	CLASS
1 Gallon Pail	51857407	S
2 1/2 Gallon Pail	51857415	S
5 Gallon Pail	51857423	S



**Atlas Copco Secoroc AB**  
 Box 521, SE-737 25 Fagersta, Sweden  
 Tel +46 223 461 00 – Fax +46 223 461 01  
[www.atlascopco.com](http://www.atlascopco.com)