

# Atlas Copco Lubricants

## PAROIL M

### Put top quality oil in to get the best out of your compressors

PAROIL M is a mineral based, premium quality oil with a high viscosity index and additives which provide the superior anti-wear and film strength and other performance characteristics necessary for the most critical applications. Atlas Copco Paroil M is purpose developed to provide high levels of performance and protection for single stage compressors in low-pressure applications working in standard ambient temperatures between -10° and +35° C.

Extensive laboratory and field endurance tests on Atlas Copco equipment have proven PAROIL M to match all demands in varied conditions. This is critical for reliability and reduces the operating costs throughout the life time of the compressor. PAROIL M meets stringent quality control specifications to ensure your equipment will run smoothly and reliably.



### Features

### Benefits

**Excellent oxidation resistance**

Contains premium quality oxidant additives that resist formation of carbon deposits, sludge and contaminants that tend to build up under very high temperature.

Keeps the compressor clean on the inside and prevents contaminants from clogging the filter elements. Ensures maximum output in between service intervals.

**Excellent water separation**

Facilitates separation and drainage of any condensate moisture in the compressor. Important feature during the lubricant cooling phase.

Protects against corrosion and the formation of harmful deposits. Prevents emulsified water in oil that reduces the flow to lubrication point and encourage damages of the bearings.

**Excellent seal and paint compatibility**

PAROIL M is not harmful for sealing materials.

Reduces risk of leakage and no need for re-sealing.

**Balanced composition on antifoam and air release**

Ensures the rapid separation of air and lubricant in the compressor oil separator.

Keeps the oil clean and prevents blocking of the oil separator, guaranteeing a low oil carry over.

**Top protection against wear**

Anti-corrosion characteristics and high chemical stability.

Protects seals, bearings and rotors of the compressor against the adverse effects of moisture contamination and acidic attacks. Extends lifetime of moving parts.

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### Characteristics

#### Appearance

Performance	Method	Unit	Value
Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	46
Viscosity at 100°C	ASTM D 445	mm <sup>2</sup> /s	7.0
Viscosity Index	ASTM D 2270		108
Density at 15°C	ISO 3675	kg/dm <sup>3</sup>	0.88
Flash Point COC	ASTM D 92	°C	212
Pour Point	ASTM D 97	°C	-33

These characteristics are typical of current production. Whilst future production will conform to Atlas Copco's specification, variations in these characteristics may occur. Complies with ISO 6743 /3 /1A class L-DAH.

## ID Card

<b>Name</b>	PAROIL M
<b>Oil type</b>	Mineral based oil with a high viscosity index.
<b>Service Intervals</b>	1 000 h or 1 year
<b>Environment</b>	Ambient temperature range -10°C to 35°C
<b>Equipment</b>	Atlas Copco portable air screw compressors
<b>Compatibility</b>	Single stage portable compressors
<b>Capacity (ID)</b>	5 l plastic can 1615 5947 00 20 l plastic can 1615 5948 00 210 l metal drum 1615 5949 00

