



# Paroil S

## Synthetic lubricant

Atlas Copco Paroil S has been designed to provide a high level of performance in air compressors working in severe conditions. Although it has been designed in the first place for high-pressure applications, Paroil S can be used in all our portable compressors for ambient temperatures between -25°C and +30°C and up to +50°C for low-pressure applications.

Paroil S is a fully synthetic premium-quality oil with a high viscosity index. The quality lubricator additives allow for oil change intervals of 1000 hours without any loss in performance and compressor longevity.

- Excellent oxidation resistance
- Excellent water separation
- Excellent seal and paint compatibility
- Balanced composition on anti-foaming and air release
- Top protection against wear
- High viscosity index



### Performance:

Performance	Method	Unit	Value
<b>Viscosity class ISO VG</b>	ISO 6743		46
<b>Density at 15°C</b>	ISO 3675	kg/dm <sup>3</sup>	0.843
<b>Viscosity at 40°C</b>	ASTM D 445	mm <sup>2</sup> /s	46
<b>Viscosity at 100°C</b>	ASTM D 445	mm <sup>2</sup> /s	7.3
<b>Pour point</b>	ASTM D 97	°C	-57
<b>Viscosity index</b>	ASTM D 2270		133
<b>Flash point COC</b>	ASTM D 92	°C	248

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

### Capacity:



Capacity	Part number
<b>5 l</b>	1.32 US gal 1630 0160 00
<b>20 l</b>	5.28 US gal 1630 0161 00
<b>210 l</b>	55.48 US gal 1630 0162 00
<b>1000 l</b>	264.17 US gal 1630 0163 00



**Equipment:**  
Single-stage low-pressure compressors  
7 -12 bar (mandatory for cold start option equipped compressors)

Two-stage high-pressure compressors 20 - 30 bar



**Ambient temperature range:** -25°C to +30°C / -13°F to +86°F (+50°C / +211°F when used in single-stage applications). Compatible with operation in high-humidity conditions.



**Service intervals:**  
1000 h or 1 year