



# RAVENOL Umlauföel 460

**Kategorie:** Industrial oil

**Artikelnummer:** 1333111

**Viscosity:** 460

**Specification:** DIN 51517-2

**Oil type:** Mineral

**Recommendation:** SN 180-Teil 3: 2009-06

**Application:** Industry

**RAVENOL Umlauföel 460** is a lubricant for roller bearings based on high-grade base oils and specially selected additives to achieve effective protection against rust and corrosion as well as excellent demulsifying properties.

Very good, stable viscosity-temperature characteristics are achieved thanks to the special combination of active ingredients of **RAVENOL Umlauföel 460**.

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## Application Note

**RAVENOL Umlauföel 460** can be used as a lubricant in almost all industrial transmissions, thanks to its very good properties, unless an EP (extreme pressure) engine oil is specified. It is especially suited for central circulation systems in rolling plants, in particular for hydrodynamic and hydrostatic bearings (Demag, Morgoil, Mesta and others) as well as similar application in other industrial sectors.

## Characteristics

- high resistance against oxidation and sludge formation
- good anti-rust and anti-corrosive characteristics
- excellent wear protection
- very good protection against foaming
- good air release properties
- high aging resistance

## Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m <sup>3</sup>	902,0	EN ISO 12185
Colour		gelbbraun	VISUELL
Viscosity at 100 °C	mm <sup>2</sup> /s	30,0	DIN 51562-1
Viscosity at 40 °C	mm <sup>2</sup> /s	463	DIN 51562-1
Viscosity Index VI		94	DIN ISO 2909
Pourpoint	°C	-15	DIN ISO 3016
Flashpoint	°C	304	DIN EN ISO 2592

All indicated data are approximate values and are subject to the commercial fluctuations.

**Alle angegebenen Daten sind ca. Werte und unterliegen handelsüblichen Schwankungen.**

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