

**Product Data**

## Castrol Optigear RI 68

Running-in Oil

### Description

OPTIGEAR RI 68® is a high performance running-in and corrosion protection oil free of solids.

The additive combination MICROFLUX TRANS® adjusts to changing conditions and causes a running-in according to the principle of the “plastic deformation”.

During a three-stage reaction improved surfaces with higher percentage contact areas will be achieved.

The positive consequences are lower friction coefficients and a longer service-life of the machinery parts and the lubricant.

### Application

Running-in and corrosion protection oil for oil circulation systems, gears and plain bearings (e.g. in MAN printing machines).

### Advantages

- Extraordinary load carrying capacity
- Improved surface quality
- Excellent corrosion protection
- Reduced running-in period
- Maximum operational reliability
- Extended service-life of all components

### Typical Characteristics

	Unit	Value	Test Method
<b>OPTIGEAR RI 68®</b>			
Article-No.	-	5241	-
Color	-	clear brown	visual
Base oil type		mineral oil	
Viscosity at 40°C	mm <sup>2</sup> /s	70	DIN 51562
Viscosity at 100°C	mm <sup>2</sup> /s	8,9	DIN 51562
Viscosity Index		99	DIN ISO 2909
Flash point (COC)	°C	194	DIN ISO 2592
Density at + 15 °C	kg/m <sup>3</sup>	884	DIN 51757
Pourpoint	°C	-30	DIN ISO 3016
Four ball wear test (1h, 300N)	mm	0.3	DIN 51350-03-B
Steel corrosion (synth. Sea water)		passed	DIN ISO 7120-B
Copper corrosion (24 h/100 °C)		1	DIN EN ISO 2160

## Additional Information

- OPTIGEAR RI 68® should be used unblended to achieve highest performance
- It is compatible with the usual sealing materials and coats of paints
- Mechanical cleaning with all known filter systems and separators is possible

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