



# eni RADULA

High quality **machine oil** based on mineral oil from selective raffinate with excellent lubrication properties.

## Characteristics (typical figures):

eni RADULA	Unit	32	46	68	100	150	220	320	Test method	
Kin. Viscosityat	at 40°C	mm <sup>2</sup> /s	30	44	64	100	141	235	327	ASTM D 445
	at 100°C	mm <sup>2</sup> /s	5,3	6,8	8,6	11,4	14,4	19,6	24,6	
Viscosity index		106	100	98	95	95	95	95	DIN ISO 2909	
Density at 15°C	kg/m <sup>3</sup>	870	873	881	887	890	893	903	ASTM D 1298	
Flashpoint o. C.	°C	214	226	238	252	264	270	280	ASTM D 92	
Pourpoint	°C	-18	-18	-18	-15	-15	-15	-12	ASTM D 97	
Designation		C	C	C	C	C	C	C		
ISO-VG-grade		32	46	68	100	150	220	320		

## Properties and Performance:

**eni RADULA** has a high purity level, a favourable natural viscosity-temperature-behaviour and very good cold flow properties. The high ageing stability and temperature load capacity guarantee a low tendency for the formation of coke residues (oil carbon) and deposits. Furthermore it has good water separation properties. The compatibility with all commonly used sealing materials in the machine construction and going internal varnishes is ensured.

## Applications:

**eni RADULA** has various application possibilities in the general machine lubrication: for splash and circular lubrication of sliding and roller bearings, mechanical transmissions, compressors, vans and vacuum pumps, also suitable for combustion engines, as long as they may be lubricated with pure unalloyed mineral oils.

In the low viscosity grades **eni RADULA** is mainly suitable for the lubrication of fast running aggregates. Higher viscosities are preferred for heavy power units with increased working temperatures and low revolution per minute.

Please observe the manufacturer's specifications when selecting products.



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**Additional physical-technical data:**

eni RADULA	Unit	32	46	68	100	150	220	320	Test method
Demulsifying capacity	54°C	min.	30	30	30	---	---	---	DIN 51 599
	82°C	min.	---	---	---	60	60	60	

**Specifications:**

DIN 51 517 T.1 C