



# eni Radula

**eni RADULA** oils are recommended for most machinery lubricated by means of circulation systems. The various grades differ only in viscosity.

## CHARACTERISTICS (TYPICAL FIGURES)

eni RADULA		15	32	46	68	100
Viscosity at 40°C	mm <sup>2</sup> /s	14	32	44	67	100
Viscosity at 100°C	mm <sup>2</sup> /s	3,3	5,3	6,8	8,6	11,4
Viscosity Index	-	98	98	98	95	95
Flash Point COC	°C	195	210	220	235	245
Pour Point	°C	-21	-21	-21	-21	-21
Mass density at 15°C	kg/l	0,856	0,870	0,878	0,884	0,888

eni RADULA		150	220	320	460	800*
Viscosity at 40°C	mm <sup>2</sup> /s	141	206	300	461	825
Viscosity at 100°C	mm <sup>2</sup> /s	14,4	18,8	24,6	31,4	41,8
Viscosity Index	-	95	95	95	95	92
Flash Point COC	°C	265	265	270	300	305
Pour Point	°C	-18	-18	-15	-7	-5
Mass density at 15°C	kg/l	0,893	0,897	0,900	0,902	0,920

(\*) no ISO VG grade

## PROPERTIES AND PERFORMANCE

These oils possess moderate oxidation and aging stability and produce little carbon residue. Therefore they can be kept in service for long periods without the formation of sludge and other deposits even when subject to relatively high thermal stresses.

## APPLICATIONS

**eni RADULA** oils are made from straight petroleum base stock, so they are especially suitable for use in circulation lubrication systems for bearings, gears, and all crankcase mechanisms in machinery such as pumps, engines, compressors, tools and industrial machinery in general where lubricants with additives are not required.

The most fluid grades of **eni RADULA** are generally used for bearings and gears running at high speeds but which are not excessively loaded.

These grades are also suitable for machining of small steel components having a high machinability index, and for machining of copper and copper alloys.

The most viscous grades are suitable for bearings, crank mechanisms and gears of heavier machines in which higher thermal stresses and mechanical loads occur at low running speeds.

## SPECIFICATIONS

**eni RADULA 32** is approved by Danieli according to Standard 0.000.001 specification