

## NISOTEC CIRKOL

NISOTEC CIRKOL are R&O mineral oils blended for use in circulation/hydraulic systems and certain other industrial applications which do not require oils with antiwear properties. NISOTEC CIRKOL oils are available in ISO grades VG 10 to VG 460. Performance features and benefits:

- Long life in the oil system
- Designed to reduce rusting and corrosion
- Formulated to increase bearing life due to good water separation
- Minimised pump cavitation due to the low foaming tendency

**Performance Levels:** SRPS ISO 6743-2 (L-HL), ISO 11158 (L-HL), DIN 51542-1, AFNOR NF-E 48-603 (HL)

### Characteristics

Properties	Units	Typical Values											Methods
		VG10	VG15	VG22	VG32	VG46	VG68	VG100	VG150	VG220	VG320	VG460	
Kinematic Viscosity at 40°C	g/cm <sup>3</sup>	10	15	22	32	46	68	100	150	220	320	460	SRPS ISO 3104
Index Viscosity	mm <sup>2</sup> /s	95	95	95	95	95	95	90	90	90	90	90	SRPS ISO 2909
Flash Point, COC	°C	130	150	180	200	210	215	230	235	240	245	250	SRPS EN ISO 2592
Pour Point	°C	-30	-27	-21	-18	-18	-15	-15	-12	-9	-6	-6	SRPS ISO 3016
Water Demulsibility (max. 40/37/3)		30 (54°C)	30 (54°C)	30 (54°C)	30 (54°C)	30 (54°C)	30 (54°C)	30 (82°C)	30 (82°C)	60 (82°C)	60 (82°C)	60 (82°C)	ASTM D 1401
Copper corrosion (Cu, 3h, 100°C)	-	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	1a	SRPS ISO 2160
Foaming, max	%	25/0	25/0	25/0	25/0	25/0	25/0	25/0	25/0	25/0	25/0	25/0	SRPS ISO 6247
- Seq. I		50/0	50/0	50/0	50/0	50/0	50/0	50/0	50/0	50/0	50/0	50/0	
- Seq. II		25/0	25/0	25/0	25/0	25/0	25/0	25/0	25/0	25/0	25/0	25/0	
- Seq. III													

### Storage and handling instructions

Follow storing and handling instructions given in SDS. Keep away from direct flame and other sources of ignition. Protect from direct sunlight. If the original container, store in dry and good ventilated area.

### Packaging

0.1L	0.25L	0.5L	1L	2L	4L	10L	60L	180KG	IBC	AC
						X2		X	X	X