

NISOTEC KALOL

NISOTEC KALOL is premium quality quenching oil. Products are specially formulated to provide even cooling and eliminate the problem of hairline cracking and warping. NISOTEC KALOL products are economical, with a long service life due to low evaporation and resistance to ageing. They are recommended for all types of hardening steel, steel ball bearings, Mn-Si steels for springs, alloy steel and etc.

Optimum results are achieved for KALOL 22 with the cooling temperatures of 30-50 ° C.

Optimum results are achieved for KALOL 32 with the cooling temperatures of 40-70 ° C.

Optimum results are achieved for KALOL 68 with cooling temperatures of 50-100 ° C.

For use in systems with indirect cooling for hardening steel 1 kg of used oil around 7L KALOL. Features and Benefits:

- High flash point (the lowest temperature, at which the oil vapors are ignitable)
- Oxidation stability (low oxidation rate even at increased temperatures)
- Controlled volatility (volatile components in oil produce stable vapor blanket in quenching)
- Thermal stability (low degradation rate of the molecules as a result of heat)

Performance Levels: SRPS ISO 6743-12 (L-QC), DIN 51522

Characteristics

Properties	Units	Typical Values			Methods
		VG 22	VG 32	VG 68	
Kinematic Viscosity at 40 ^o C	mm ² /s	22	32	68	SRPS ISO 3104
Flash Point, COC	^o C	190	210	220	SRPS EN ISO 2592
Pour Point	^o C	-15	-12	-12	SRPS ISO 3016
Neutralization No, max.	mgKOH/g	0.15			SRPS ISO 6618
Carbon Residue, max.	%	0.5			ASTM D 189

Storage and handling instructions

Store in the original container in dry, properly ventilated area. Keep away from direct flame and other sources of ignition. Protect from direct sunlight. Recommended storage temperature: max. 40°C

Packaging

0.1L	0.25L	0.5L	1L	4L	10L	60L	180KG	850KG	IBC	AC
					X2		X			