

# CIRKAN ZS



Lubrication



High performance machine oils.

## APPLICATIONS

### Oil for moving parts

- **CIRKAN ZS** oils are mineral oils containing additives with appropriate viscosities for lubricating moving parts operating in severe conditions of temperature and load:
  - precision machinery
  - reduction drives and variators not requiring an EP oil
  - machinery lubricated by oil mist not requiring EP additives
  - loss lubrication of moving parts requiring an anti-wear oil.

## SPECIFICATIONS

### International specifications

- ISO 6743/6 CKB
- ISO 12925-1 cat.CKB

## ADVANTAGES

- High natural viscosity number
- Good seals compatibility
- Very good anti-wear properties
- Excellent anti-foaming, anti-corrosion and anti-oxidation properties.

TYPICAL CHARACTERISTICS	METHODS	UNITS	CIRKAN ZS	
			220	320
Density at 15 °C	ISO 3675	kg/m <sup>3</sup>	900	905
Viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	220	320
Viscosity index	ISO 2909		96	96
Pour point	ISO 2592	°C	- 9	- 9
Open cup flash point	ISO 3016	°C	260	270

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
Industrie & Spécialités  
16-11-2010 (supersedes 22-10-2002)  
CIRKAN ZS  
1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.  
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from [www.quick-fds.com](http://www.quick-fds.com).