



TECHNICAL DATA SHEET

AIMOL Circulation Oil

Ashless mineral turbine and circulation oil/R&O oil

DESCRIPTION

AIMOL Circulation Oil is an ashless, high-quality turbine and circulation oil/R&O oil, which can be used for turbine lubrication, lubrication for gears and circulating systems, low loads hydraulic systems and guide- and roller bearings. AIMOL Circulation Oil distinguishes itself by excellent rust and corrosion properties and also by a robust oxidation stability. Water is separated very fast and effectively, foam formation will be prevented, resulting in optimal lubricating properties.

PERFORMANCE LEVELS

AIMOL Circulation Oil meets and exceeds the following performance levels/specifications:

- ◆ DIN 51524, p.1 (HL)
- ◆ DIN 51517, p.2 (CL)
- ◆ DIN 51515, p.1 (L-TD)
- ◆ AFNOR NF E 48-603 (HL)
- ◆ Cincinnati-Milacron P-38 (HL-32)
- ◆ Cincinnati-Milacron P-55 (HL-46)
- ◆ Siemens TLV 9013 04
- ◆ BS 489
- ◆ GEK 32568 A/C
- ◆ MIL-L-17672 D
- ◆ CEEB 207001
- ◆ Brown Boveri HTGD 90117
- ◆ Alstrom HTGD 90 117 V0001 S
- ◆ U.S. Steel 120
- ◆ Westinghouse Elec. Corp. Turbine Oil Spec.

AVAILABLE SIZES

ISO VG 32 New drum 205 Litre	Art.# 8717662395130
ISO VG 32 Can 20 Litre	Art.# 8717662395123
ISO VG 46 New drum 205 Litre	Art.# 8717662395154
ISO VG 46 Can 20 Litre	Art.# 8717662395147

TYPICAL FIGURES

Parameter	Circulation Oil 32	Circulation Oil 46
Density at 20°C kg/m ³	0.853	0.865
Flashpoint C.O.C. in °C	>200	>210
Viscosity at 40°C in cSt	34.1	47.9
Viscosity at 100°C in cSt	5.8	7.1
Viscosity Index	112	106
Pour point in °C	<-30	<-30
Oxidation Test (TOST) Hours	4800	3800
Oxidation Stability (RPVOT) Min	580	550
FZG	8	9
Foaming max.	50/0	50/0
Demulsibility D1401 min.	10	10

HEALTH AND SAFETY

AIMOL Circulation Oil has no adverse health effects provided it is used as directed.

TECHNICAL DATA INFO LINE

Should you require additional information or advice on AIMOL products, please contact us as per the details below.

Typical figures as indicated may vary per production cycle and can change at manufacturers' option. Specifications, however, are guaranteed. Because of continuous product research and development, the information within this data sheet is subject to change without any notification. Although every effort is made to ensure accurate information, A.I.M. bv accepts no liability for any loss or damage suffered caused by the incorrectness and/or incompleteness of this text, and as a result of using this product for any application other than explicitly stated in this data sheet.