



TECHNICAL DATA SHEET

AIMOL Turbine Oil

Gas, steam and water turbine oil

DESCRIPTION

AIMOL Turbine Oil is a universal mineral based turbine oil, based on special selected and refined base oils and anti-wear additive package.

BENEFITS

- ◆ Good demulsification properties
- ◆ Enhanced service life
- ◆ Better rust and corrosion protection properties
- ◆ Better ability to release entrained air
- ◆ Enhanced with anti-wear protection for turbo sets

APPLICATIONS

AIMOL Turbine Oil are recommended for the lubrication of hydraulic, steam and gas turbines with turbo gear sets. Can be used as circulating Oils (R & O type) as per DIN 51514 Part 1 (HL); DIN 51517 Part 2 (CL) and Cincinnati Milacron P38, P55, P54, P57, & P62. Also recommended for compressor applications as per DIN 51506 VBL, VCL and VDL.

PERFORMANCE LEVEL

- ◆ DIN 51515, p.1(L-TD);
- ◆ ISO 8068 AR and B; ISO 6743/OT;
- ◆ ISO 6743/5 CL-TSA L-TSE L-TGA;
- ◆ ABB HTGD 90117;
- ◆ MAN N696.

TYPICAL FIGURES

Parameter	Test method	32	46	68
Density	-	0.867	0.874	0.883
Viscosity @ 40 °C, mm ² /s	ASTM D445	32	46	68
Viscosity @100°C, mm ² /s	ASTM D445	5.3	7.1	8.6
Viscosity Index	ASTM D2270	95	95	98
Flash point , °C	ASTM D92	220	220	220
Pour point, °C	ASTM D97	-30	-27	-25
TAN, mg KOH/gm	-	0.15	0.15	0.20
Copper strip corrosion	-	1b	1b	1b
Foaming tendency	-	65/0	65/0	65/0
Demulsibility @ 15 min	-	40/37/3	40/37/3	40/37/3
TOST, hours	ASTM D943	>4000	>4000	>4000

TECHNICAL DATA INFO LINE

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

HEALTH AND SAFETY

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

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.