

TECHNICAL DATA SHEET

AIMOL Hydroline HVLP

Mineral based high performance hydraulic fluid with high viscosity index

DESCRIPTION

High performance hydraulic fluid, based on the latest base oil and additive technology. The use of an special additive pack warrants optimal performance and a long service life.

APPLICATIONS

AIMOL Hydroline HVLP can be used in all available hydraulic applications, as well as light gear boxes and is perfectly suitable for general lubrication purposes.

SPECIFICATIONS

AIMOL Hydroline HVLP is formulated to meet and exceed

- Vickers I-286-S & M-2950-S
- AFNOR NF E 48-603 HL
- DIN 51 524 part 3 (HVLP)
- FZG A/8.3/90 > 12 (ISO VG 46 and 68)
- FZG A/8.3/90 = 12 (ISO VG 32)
- Cincinati Milacron P68/P69/P70 (ISO VG 32-68)
- VDMA 24318
- Thyssen HT-N-256132
- US STEEL 126/127

BENEFITS

- Excellent anti-wear protection
- Good emulsifying and air-release properties
- Good anti-oxidation for a long service life
- Excellent anti-corrosion properties
- High stability viscosity index improver;
- High mechanical loads possible due to excellent lubrication film
- Due to the high viscosity index and the low pour-point this product can be applied in almost all temperature conditions

TYPICAL FIGURES

Parameter	HVLP 15	HVLP 22	HVLP 32	HVLP 46	HVLP 68	HVLP 100
Density @ 20 °C, kg/l	0,853	0,859	0,862	0,860	0,869	0,880
Flashpoint COC, °C	180	195	211	213	216	231
Viscosity @ 100 °C, mm^2/s	3,9	5,0	6,3	8,2	10,6	14,3
Viscosity @ 40 °C, mm^2/s	15,6	22,8	31,6	46,4	67	101
Viscosity Index	151	153	155	152	147	146
Pour point, °C	-42	-39	-36	-33	-30	-27
Sulphated ash	0,15	0,15	0,15	0,15	0,15	0,15
T.A.N., mg KOH/g	0,9	0,9	0,9	0,9	0,9	0,9

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 Hydroline HVLP 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.

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