



LUBRICANTS™

POWER TO PERFORM™

ENKLO HVLP AH SERIES HYDRAULIC AND CIRCULATING OILS

SPECIAL FEATURES

ENKLO HVLP AH grades are premium quality lubricating oils formulated with high quality base stock and carefully selected additives. ENKLO HVLP AH grades offer outstanding high viscosity index, anti-wear properties, excellent oxidation stability and a high FZG rating. The product is zinc free and ashless. The use of Enklo HVLP AH fluids results in improved energy efficiency.

SPECIFICATIONS

IS:11656-1986, NF E 48603 Class HV, CM-P-68, 69 & 70.

DIN 51524 Part 3 (HVLP) , DIN 51524 PART 3

DENNISON HF-0 & HF-2,

CINCINNATI MILACRON P-68 (VG 32), P-69 (VG 68), P-70 (VG 46),

USS 127 and passes Vickers Vane Pump Test.

Exceeds JCMAS Standards

APPLICATION AREA

Used in mobile hydraulics requiring high viscosity index (HVI fluids), hydraulic systems, mining machinery, machine tools systems etc., wherein oil is recirculated and used for extensive periods.

PHYSICO-CHEMICAL PROPERTIES

	ENKLO HVLP				
	Method	15	32	46	68
Appearance		Clear	Clear	Clear	Clear
Flash Point, COC, °C	ASTM D 92	172	204	204	204
Pour Point, °C	ASTM D 970	-45	-45	-39	-36
Kin. Viscosity @ -20°C, cSt	ASTM D 445	168	796	1,247	2,450
Kin. Viscosity @ 40°C, cSt	ASTM D 445	15.6	32.7	46.3	68.3
Kin. Viscosity @ 100°C, cSt	ASTM D 445	4.22	6.51	8.5	11.7
Viscosity Index	ASTM D 2270	192	158	163	168
Rusting Test, 24 Hrs With Synthetic Distilled & Syn Sea Water	ASTM D 665 A, B	Pass	Pass	Pass	Pass
FZG, Fail Load Stage	ASTM D 5182	11	12	12	12
Cleanliness	ISO 4406 : 99	Will Meet Class 15/13			
	NAS 1638	Sealed Barrel Will Meet NAS Class 6			

PERFORMANCE BENEFITS

- Resistance to thermal degradation
- Very good hydrolytic stability & high viscosity index
- Enhanced filterability
- Improved FZG rating
- Excellent anti-wear properties
- Zinc free & ash less to address environment concern