



# LUBRICANTS™

## POWER TO PERFORM™

## ENKLO HVLP SERIES HYDRAULIC AND CIRCULATING OILS

### SPECIAL FEATURES

ENKLO HVLP grades are premium quality lubricating oils formulated with high quality base stock and carefully selected additives. ENKLO HVLP grades offer outstanding high viscosity index, anti-wear properties, excellent oxidation stability and a high FZG rating.

### 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.

### 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
Cleanliness	ISO 4406:99	Will Meet Class 15/13			
	NAS 1638	Filtered Oil And Nitrogen Sealed Barrel Will Meet NAS Class 6			

### PERFORMANCE BENEFITS

- Enhanced energy efficiency
- Resistance to thermal degradation
- Very good hydrolytic stability & high viscosity index
- Enhanced filterability
- Improved FZG rating
- Excellent anti-wear properties