



PETROLEUM

VKB Petroleum Hydraulic Oils HVLP

PRODUCT DESCRIPTION

VKB petroleum Hydraulic Oils HVLP are one of Petromix high-quality hydraulic oils, formulated from highly hydro-treated group III base oils to meet the requirements of hydraulic systems using high pressure, servo valves requiring highly efficient filtration such as proportional valves, and machine tools found in most hydraulic systems.

Features.

- Supreme anti-wear properties.
- Higher resistance to viscosity degradation due to excellent oxidation resistance.
- High viscosity index.
- Longer oil working hours.
- Excellent thermal stability
- Excellent filterability.
- Excellent resistance to hydrolysis
- Very low pour point
- De-Emulsification properties
- Anti-foaming, and De-aeration properties.
- Guarantees longer machine components' lifetime.

VKB petroleum Hydraulic Oils Applications

- Hydraulic systems where sludge can be formed with daily processes.
- Hydraulic systems with high loads that require lubrication, and anti-wear protection.
- Circulation lubrication in which low-power reduction gears, bearings, and rotary air-compressors.
- Presence of unavoidable mist through hydraulic system.
- Hydraulic systems with high operating temperatures

Performance

- AFNOR: NF E 48-603 HV
- AFNOR: NF E 48-690
- AFNOR: NF E 48-691
- CINCINNATI: MACHINE P-70 (ISO 46,68)
- DENISON: HF-2
- ASTM D 6158 HV
- DIN: 51524 Part 3 HVLP
- EATON VICKERS: I-286-S
- EATON VICKERS: M-2950-S
- ISO: 11158, HV
- ISO: 6743-4, HV

TYPICAL TECHNICAL DATA

Property	Test	Units	HVLP 46	HVLP 68
Nature	-	-	Mineral	Mineral
Color	ASTMD1500	-	Blonde	Blonde
Grade	-	-	ISO 46	ISO 68
Density @ 15° C	ASTM D1298	-	0.90	0.905
Viscosity @ 40° C	ASTM D445	mm ² /s	41.4-50.6	61.2-74.8
Viscosity @ 100° C	ASTM D445	mm ² /s	8.5	11.2
Viscosity Index	ASTM D2270	-	160	160
Flash Point	ASTM D93	° C	223	223
Filterability	PL	Indices	1.1	1.1
VICKERS Test V104C	-	quotatio	Pass	Pass
VICKERS Test 35VQ25	-	quotatio	Pass	Pass