FRANKOL HVLP

MINERAL

PRODUCT DESCRIPTION:

FRANKOL HVLP hydraulic oils provide excellent high temperature performance, high degree of shear stability and oxidation resistance. These oils are formulated to have a high viscosity index and a low pour point for use over a wider temperature range. They provide excellent wear protection and thermal stability at high temperatures to minimize deposit formation and provide long service life. They protect hydraulic system components against rust and corrosion.

APPLICATION:

For mobile and static hydraulic applications of industrial and other equipment. Hydraulic cranes and lifts, loaders, reach trucks, forklifts, excavators, dumpers, loading ramps, and tailboards. Sometimes recommended for: hydraulic systems of metalworking machines, or circulation systems of industrial machinery.

FEATURES & BENEFITS:
- Excellent demulsibilit.
- Very good corrosion protection to steel.
- Good corrosion protection to copper.
- High ageing stability / high oxidation stability.
- Good AW wear protection.
- Very good hydrolytic stability.
- Excellent filtration behaviour (dry, wet).
- Low foaming.
- Excellent air release.

PERFORMANCE LEVELS: Meets and Exceeds:
- DIN 51524-3 (HV)
- DIN 51524-2 (HM)

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	FRANKOL HVLP			
Grade			32	46	68	100
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	32	46	68	100
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	6.0	7.9	10.6	14
Viscosity Index (min)	ASTM D-2270	-	146	143	144	142
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm³	0.860	0.865	0.870	0.880
Flash Point (min)	ASTM D-92	°C	200	200	200	200
Pour Point (max)	ASTM D-97	°C	-35	-35	-35	-35

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the environment. Dispose to an authorized used oil collection point. For further Information on safety guidelines please refer to MSDS available on our website frankol.com