HYDOL SYN HVLP

PRODUCT DESCRIPTION:
Hydol SYN HVLP hydraulic oils are synthetic hydraulic oils with excellent high-temperature performance, a high degree of shear stability, and oxidation resistance. These oils are designed 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. Hydol SYN HVLP oils are formulated for very long drain intervals and provide equipment protection up to three times longer than comparable conventional products.

APPLICATION:
- Hydraulic systems such as Numerically Controlled (NC) machines
- Systems employing multi-metal component designs
- High pressure vane, piston and gear pumps
- Systems where cold start-up and / or very high operating temperatures are typical
- In systems containing gears and bearings
- Systems requiring a high degree of load-carrying capability and anti-wear protection

FEATURES & BENEFITS:
- Helps extend service intervals
- Helps prevent internal hydraulic system corrosion
- Helps reduce wear of components
- Helps to ensure equipment protection at cold start-up temperatures
- Helps protect system components at high operating temperatures
- Helps reduce system deposits and potential sludging
- Excellent air release

PERFORMANCE LEVELS: Meets and Exceeds:
- DIN 51524 Part 3, Type HVLP
- Denison HF-0, HF-1, HF-2

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	HYDOL SYN HVLP			
ISO VG			32	46	68	100
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	6.55	8.33	11.24	15.3
Viscosity Index	ASTM D-2270	-	148	157	158	161
Density @15°C/ 60°F	ASTM D-4052	g/cm3	TBR	TBR	TBR	TBR
Flash Point (min)	ASTM D-92	°C	236	251	260	260
Pour Point (max)	ASTM D-97	°C	-51	-57	-54	-54
Copper Strip Corrosion 3 hours @ 100° C	ASTM D-130	-	1B	1B	1B	1B
Rust Characteristics	ASTM D-665B	-	Pass	Pass	Pass	Pass
Foam Sequence I, II, III	ASTM - D892	ml	0/0	0/0	0/0	0/0
Demulsibility, 54°C, 3ml emulsion	ASTM - D1401	minutes	15	15	15	-

DISCLAIMER:
The test data mentioned above is not a definitive specification but serves as an indication and may fluctuate within acceptable production tolerances. Venom retains the right to alter this test data. Any updated information will replace previous versions, so please consult the latest Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:
Extended and repeated exposure to oil can lead to skin conditions. Please avoid contact. If you do come into contact with oil, wash the affected area immediately with soap and water. Do not dispose of used oil down drains or into the environment; instead, take it to an authorized used oil collection point.

HEALTH & SAFETY:
This product is unlikely to pose significant health or safety risks when used properly in the recommended application and with good personal hygiene practices. For more information, please refer to the Safety Data Sheet (SDS), which is available upon request from your local sales office.

PROTECT THE ENVIRONMENT:
Please take used oil to an authorized collection point and adhere to local regulations. Do not discharge it into drains, soil, or water.

STORAGE:
We recommend storing all packages in a covered area. If outdoor storage is necessary, drums should be positioned horizontally to prevent water ingress and protect the markings. Products should never be stored above 60°C or exposed to direct sunlight or freezing temperatures.