

Hanasaki Hydraulic HVI Oil Series

Premium Quality HVI Hydraulic Oil

Product Description

Hanasaki Hydraulic HVI Oil Series are premium quality anti-wear hydraulic oils specially developed for applications subjected to wide range of temperatures or where small viscosity change with fluctuating temperature is needed. These oils are formulated with severely hydro-processed base oils, highly shear stable viscosity index improver and advance additive systems to meet the stringent requirements of modern hydraulic systems. Their outstanding thermo-oxidation stability allows extended service life. They provide excellent protection against wear, rust and corrosion and exhibit excellent water separation, air release and hydrolytic stability helps to extend equipment service life.

Hanasaki Hydraulic HVI Oil Series offers the following benefits to their users:

- 1) Outstanding thermos-oxidative stability that reduces deposit formation, improves pump and valve performance and allows extension of oil and filter change intervals
- 2) Exceptional anti-wear property resulting in long equipment service life
- 3) Excellent shear stability minimizing viscosity loss over time
- 4) Exceptional protection against rust and corrosion and protect multi-metallurgy component against negative effect of moisture presence in the system
- 5) Rapid air release and water separation

Performance Standards

Denison HF-0/HF-1/HF-2, DIN 51524 P3 HVLP, AFNOR NFE 48-603 (HV), ISO 11158 HV

Typical Properties

Properties	ISO Viscosity Grade						
	15	22	32	46	68	100	150
Viscosity @ 40°C (ASTM D445), cst	15	22	32	46	68	100	150
Viscosity @ 100°C (ASTM D445), cst	3.8	4.9	6.2	8.0	10.8	13.6	20.0
Viscosity Index (ASTM 2270)	150	152	145	146	149	136	154
Pour Point (ASTM D97), °C	-42	-42	-36	-33	-30	-27	-30
Flash Point (ASTM D92), °C	178	190	217	220	230	241	245
Density @ 15°C (ASTM D4052), kg/l	0.861	0.872	0.862	0.853	0.855	0.859	0.863

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended applications and the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS is available upon request through your sales contact at Hanasaki. This product should not be used for purposes other than its intended use. When disposing of used product, please take care to protect the environment.