

# BANGCHAK HYDRAULIC HVI

High Viscosity Index Hydraulic Fluids



**BANGCHAK HYDRAULIC HVI** is a superior-quality hydraulic oil anti-wear type made from selected and carefully refined high-quality base stocks incorporating additives to improve the anti-wear, anti-rust, load-carrying, corrosion resistance, oxidation stability, mechanical shear resistance and separation/foaming properties. Excellent filterability, demulsification of water and highest viscosity index allow operation under adverse condition and assure long oil service life.

- o High viscosity index designed for wide range temperature operation
- o Superior oxidation stability and sludge formation protection
- o Excellent anti-wear and corrosion control property
- o Extend equipment life to the highest optimum level
- o Long oil drain interval from selected base oil quality

## REQUIREMENT

- o DIN 51524, Part 2 and 3
- o Cincinnati Milacron P-68, P-69, P-70
- o U.S. Steel 127 and 136
- o Vickers I-286-S and M-2950-S
- o Denison HF-0, HF-1, HF-2

## APPLICATION

**BANGCHAK HYDRAULIC HVI** is designed specially to meet the every demanding heavy duty requirements of modern hydraulic equipment in which high speed and high pressure oil pump are used. It is also appropriated for air compressor. It can be used with hydraulic system in dump truck, fork lift, crane truck and construction equipment. However, it should not be used with pumps containing silver or bronze.

**BANGCHAK HYDRAULIC HVI** can be used for general lubrication in bearings, gears, air compressor (piston type) and etc.

## TYPICAL INSPECTION

PROPERTIES	METHOD	HYDRAULIC HVI			
		ISO 32	ISO 46	ISO 68	ISO 100
Appearance	Visual	Bright & Clear	Bright & Clear	Bright & Clear	Bright & Clear
Color	ASTM D1500	Report	Report	Report	Report
Density @ 15 °C, g/cm <sup>3</sup>	ASTM D1298	Report	Report	Report	Report
Flash Point (COC), °C	ASTM D92	205 Min	215 Min	225 Min	225 Min
Foam Test (Seq II), mL/mL	ASTM D892	50/0 Max	50/0 Max	50/0 Max	50/0 Max
Pour Point, °C	ASTM D97	-6 Max	-6 Max	-6 Max	-6 Max
Kinematic Viscosity @ 40 °C, cSt.	ASTM D445	30.0-35.0	44.0-50.0	66.0-72.0	98.0-105.0
Viscosity Index	ASTM D2270	145 Min	145 Min	145 Min	145 Min
Copper Strip	ASTM D130	1B Max	1B Max	1B Max	1B Max

Packaging: 200 Litres

## FEATURE & BENEFITS

