



## Product Data Sheet

# HVI Hydraulic Oil ISO 32, 46, 68, 100

### Product Description

**OCOMA HVI Hydraulic Oils** are premium performance, anti-wear oils high viscosity oils made from superior Group 2 base oils and the latest advanced additive package to provide unrivaled cleanliness. These products contain rust and foam inhibitors as well as outstanding oxidation, thermal and shear stability.

**OCOMA HVI Hydraulic Oils** meet the most stringent performance levels of a vast variety of hydraulic system and component manufacturers. Due to these oils being high viscosity, they provide minimal viscosity change due to temperature or mechanical shearing.

### Specifications and Approvals

**OCOMA HVI Hydraulic Oils** meet or exceed the following specifications:

- Bosch Rexroth RE-7075, RE-90220
- Cincinnati Milacron P68, P69, P70
- CETOP RP 91-4 (HM, HV)
- Denison HF-0, HF-1, HF-2
- DIN 51524 Part 1 (HL), Part 2 (HLP), Part 3 (HVLP), 51502, 2006-09
- Eaton (Sperry Vickers) M-2950-S, I-286-S
- Hoesch HWN 2333
- Husky HS 207
- ISO 6743/4 CAT HV
- SEB 181 222
- SIS SS 155434
- Thyssen TH N-256132
- US MIL-L-24459 (Ships)
- US Steel 126, 127, 136
- VDMA 24318

**The Oilman Group Pty Ltd**  
[www.oilman.com.au](http://www.oilman.com.au)

Head Office:	(08) 8262 9399
Adelaide:	(08) 8349 9277
Brisbane:	(07) 3216 7196
Darwin:	1300 133 783
Melbourne:	1300 133 783
Perth:	1300 133 783

### Applications and Benefits

- Comprehensive corrosion protection
- Outstanding filterability properties
- Premium anti-wear performance
- Suitable for multi-metallurgy component systems
- Minimal viscosity change due to temperature or mechanical shearing

**OCOMA HVI Hydraulic Oils** are suitable for use in hydraulic systems calling for zinc-based anti-wear oils, which operate in a wide range of temperatures, such as cold start up conditions and high temperature continuous running. **HVI Hydraulic Oils** are compatible with most pumps, valves and seal materials.

Not suitable for use in systems with silver plated parts.

## Package Information

200 Litres, 20 Litres.

## Typical Characteristics

ISO Grade	32	46	68	100
Density at 15°C	0.87	0.877	0.889	0.89
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s (cSt)	32	46	68	100
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s (cSt)	6.4	8.31	11.1	14
Viscosity Index	150	150	150	150
Pour Point °C	-45	-41	-39	-35
Flash Point °C	210	216	236	235
Rust Test. ASTM D665	Pass	Pass	Pass	Pass
FZG 4-Square Load Support Stages Passed. DIN 51354	12	12	12	12

Typical Characteristics are average values, and may vary due to normal manufacturing tolerances.  
The information contained herein is subject to change without notice.