



Product Data Sheet

Hydraulic Oil ISO 32, 46, 68, 100

Product Description

OCOMA Hydraulic Oils are premium performance, anti-wear 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 stability.

OCOMA Hydraulic Oils meet the most stringent performance levels of a vast variety of hydraulic system and component manufacturers, which ensure increased filter life and reduced maintenance costs by keeping ultra-fine filters and close tolerance spool valves operational.

Specifications and Approvals

OCOMA Hydraulic Oils meet or exceed the following specifications:

- AFNOR NF-E 48-603 (HL, HM, HV), NF-E 48-691 (wet)
- Bosch Rexroth RE-90220
- CETOP RP 91-4 (HM, HV)
- Cincinatti Milacron P68, P69, P70
- Denison Filterability TP 02100
- Denison HF-0, HF-1, HF-2
- DIN 51524 Part 1 (HL), Part 2 (HLP), Part 3 (HVLP), 2006-09
- Eaton (Sperry Vickers) M-2950-S, I-286-S
- Hoesch HWN 2333
- Husky HS 207
- ISO 6743/4 HM
- SEB 181 222
- SIS SS 155434
- Thyssen TH N-256132
- US Steel 126, 127, 136
- VDMA 24318

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Applications and Benefits

- Comprehensive corrosion protection
- Outstanding filterability properties
- Premium anti-wear performance
- Suitable for multi-metallurgy component systems

OCOMA Hydraulic Oils are suitable for use in hydraulic systems calling for zinc-based anti-wear oils, particularly systems with vane pumps operating at pressures above 1,000 PSI and speeds above 1,200 RPM. Also for use in other systems where wear rates are high with conventional oils. Not suitable for use in systems with silver plated parts.

Package Information

1,000 Litres, 200 Litres, 20 Litres.

Typical Characteristics

ISO Grade	32	46	68	100
Density at 15°C	0.87	0.87	0.88	0.89
Kinematic Viscosity at 40°C, mm ² /s (cSt)	32	46	68	100
Kinematic Viscosity at 100°C, mm ² /s (cSt)	5.28	6.71	8.7	11.2
Viscosity Index	100	102	113	100
Pour Point °C	-28	-27	-23	-21
Flash Point °C	210	216	229	235
Rust Test. ASTM D665	Pass	Pass	Pass	Pass
Foam Seq I, II, III. ASTM D892	10/0	10/0	10/0	10/0
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.