



OPUS LUBRICANTS PRODUCT DATA

HYDRAULIC HVI OILS 15, 22, 32, 46, 68, 100

Description

OPUS HYDRAULIC HVI Grades are a range of high viscosity index hydraulic oils, formulated from high quality mineral base oils and with the latest anti-wear technology. These grades incorporate a shear stable polymer that ensure the oils do not thin down during operation. They are ideal for hydraulic systems subjected to the very extremes of operating conditions and temperatures. Excellent anti-wear and EP properties provide protection against wear in the most demanding of systems.

Performance Levels

- DIN 51524 Part 3 (HVL P)
- Sperry Vickers I-286-S3, M-2950-S
- Denison HF-0 dry and wet T6C-020
- Denison HF-1, HF-2
- Cincinnati Milacron P-68, P-69, P-70
- Poclain (HV 46)
- AFNOR E48-603 (HV:HM)
- ASLE 64.1 to 64.4, 70.1 to 70.3
- CETOP RP91H
- VDMA 24318

Benefits

- High viscosity index giving low temperature flow.
- Excellent oxidation resistance and rust protection.
- Low pour points.
- Anti-foam characteristics.

Typical Data

ISO GRADE		15	22	32
Specific Gravity	@ 15° C	0.885	0.880	0.860
Kinematic Viscosity	@ 100°C cSt	3.90	5.10	6.75
Kinematic Viscosity	@ 40°C cSt	15.66	23.1	34.50
Viscosity Index		150	157	157
Pour Point (°C)		-40	-45	-47
Flash Point (°C)		140	200	200
FZG Gear Test, pass load:		-	10	12
Rust Test:		Pass	Pass	Pass
Cleanliness Test:		NAS 7	NAS 7	NAS 7



ISO GRADE		46	68	100
Specific Gravity	@ 15° C	0.852	0.869	0.882
Kinematic Viscosity	@ 100°C Cst	8.90	11.50	14.5
Kinematic Viscosity	@ 40°C cSt	48.50	67.70	102
Viscosity Index		165	165	147
Pour Point (°C)		-45	-42	-36
Flash Point (°C)		205	200	218
FZG Gear Test, pass load:		12	12	12
Rust Test:		Pass	Pass	Pass
Cleanliness Test:		NAS 7	NAS 7	NAS 7

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