



OPUS LUBRICANTS PRODUCT DATA

OPUS HYDRAULIC OILS

Description

OPUS HYDRAULIC OILS is a range of high quality mineral based hydraulic oils with good anti-wear properties, it also has excellent resistance to oxidation and corrosion providing protection in the most demanding of systems. They contain rust, corrosion and oxidation inhibitors.

Applications

Recommended for both industrial and off highway hydraulic systems. Other applications include: PTO's, power steering, suspension units, tipping gear, airline lubricators, jacks, etc.

Performance Levels

- DIN 51524 Parts 1 (HL), 2 (HLP)
- ISO 11158 (HL, HM)
- AFNOR NF ISO 11158 (HL, HM)
- Eaton (Vickers) 1-286-S
- US Steel 126
- US Steel 127

Benefits

- Excellent oxidation resistance and rust protection
- Low pour points
- ISO 68 grade is designed for use in Poclain machinery
- Anti-foam characteristics.

Typical Data

ISO GRADE		10	15	22	32	37
Specific Gravity	@ 15°C	0.887	0.875	0.863	0.852	0.875
Kinematic Viscosity	@ 100°C cSt	3.0	3.5	4.0	5.4	6.0
	@ 40°C cSt	11.5	14.8	20.0	31.0	37.8
Viscosity Index		117	115	104	107	100
Pour Point (°C)		-36	-36	-35	-35	-26
Flash Point (°C)		169	169	200	220	220
FZG Gear Test, pass load:		-	-	10	11	11
Rust Test:		Pass	Pass	Pass	Pass	Pass
Cleanliness Test:		NAS 7	NAS 7	NAS 7	NAS 7	NAS 7



Typical Data ctd

ISO GRADE		46	68	100	150
Specific Gravity	@ 15°C	0.863	0.874	0.883	0.887
Kinematic Viscosity	@ 100°C cSt	6.8	8.5	11.4	15.0
	@ 40°C cSt	44.0	65.0	106.0	150.0
Viscosity Index		105	105	99	97
Pour Point (°C)		-24	-22	-20	-19
Flash Point (°C)		220	225	225	230
FZG Gear Test, pass load:		11	11	11	-
Rust Test:		Pass	Pass	Pass	Pass
Cleanliness Test:		NAS 7	NAS 7	NAS 7	NAS 7

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