



TORQU3® CIRCULATING AND MACHINE-TOOL OILS

(Premium Quality, Multigrade, High Performance Engine Oils)

General purpose circulating oils for the lubrication of machine-tools and other industrial equipment. Provide long term protection against corrosion and rust and due to their thermal and oxidation stability they prevent deposit formation and clogging of filters ensuring longer equipment life. ISO VG 5-15 oils are suitable for the lubrication of bearings and spindles in machine-tools and other industrial equipment. ISO VG 22-68 oils are suitable for the lubrication of bearings and mechanical drives operating under low and medium loads in machine-tools and other industrial equipment as well as working fluid in hydraulic systems under low loads. ISO VG 100-460 oils are suitable for the lubrication of bearings and mechanical drives operating under low and medium loads in machine-tools and other industrial equipment. Suitable for low and medium duty reciprocating air compressors.

PERFORMANCE BENEFITS

PERFORMANCE LEVELS, APPROVALS:

- ISO 11158 HL, ISO 12925-1 CKB, ISO-L-CKB, ISO-L-DAA, ISO-L-DAB, ISO-L-FC, ISO-L-HL, DIN 51524-1 (HL), DIN 51506 VBL, DIN 51506 VCL, DIN 51517-2 (CL), Morgoil Lubricant Spec. Rev. 1.1

Protect the Environment

Dispose of used oils responsibly. Do not discharge into drains, soil or water.

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Product	ISO VG 10	ISO VG 15	ISO VG 22	ISO VG 32	ISO VG 46	ISO VG 68	ISO VG 100	ISO VG 150	ISO VG 220	ISO VG 320	ISO VG 460
Kinematic viscosity at 40°C mm ² /s	10.1	15.2	22	32.6	46.4	69.3	103.5	155	225	322	460
Pour point°C	-39	-42	-27	-21	-24	-21	-21	-21	-21	-15	-15
Flash point (Cleveland)°C	160	195	205	215	220	240	225	265	270	275	280
Density at 15°C g/cm ³	0.857	0.855	-0.86	0.87	0.875	0.885	0.885	-0.89	0.895	0.904	0.907

These characteristics are typical of current production. Whilst future production will conform to TORQU3's specification, variations in these characteristics may occur.