



TORQU3® ASHLESS HYDRAULIC OILS (AL)

(Premium Quality, Multigrade, High Performance Engine Oils)

Superior quality, zinc- and calcium-free ashless antiwear hydraulic oil. It has excellent water separation and air release ability, outstanding oxidation and thermal stability. It provides superior filterability and extended drain interval with advanced reliability and equipment protection. Due to its high performance additive system, it has an excellent wear reducing performance, is close to that of gear oils (FZG 12, DIN 51354-2). Applicable for hydraulic systems of state-of-the-art machine-tools (e.g. injection moulding machines), agricultural and off-highway machines.

PERFORMANCE BENEFITS

PERFORMANCE LEVELS, APPROVALS:

- ISO 11158 HM, ISO-L-HM, DIN 51524-2 (HLP), DIN 51506 VDL, Eaton (Vickers) I-286-S, Eaton (Vickers) M-2950-S, Cincinnati Lamb P-68, Cincinnati Lamb P-69, Cincinnati Lamb P-70, ENGEL, AIST (US Steel) 127, AIST (US Steel) 126, SEB 181222 (HLP), AFNOR NF-E-48603 (HM), Parker Denison HF-O, Parker Denison HF-1/HF-2

Protect the Environment

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

TORQU3® ASHLESS HYDRAULIC OILS (AL)

Product	Hydro HM 22 AL	Hydro HM 32 AL	Hydro HM 46 AL	Hydro HM 68 AL
Kinematic viscosity at 40°C mm ² /s	22.5	32.8	47	68.8
Pour point°C	-33	-30	-30	-27
Flash point (Cleveland)°C	200	225	225	240
Density at 15°C g/cm ³	0.866	0.873	0.878	0.88

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