



كونتيننتال الزيوت وزيوت التزييت م.م.ح Continental Oils & Lubricants F.Z.E.

PRODUCT DATA SHEET

BRAX HYDRAULIC 320

Description:

BRAX HYDRAULIC oils are high performance anti-wear hydraulic oils developed for high pressure hydraulic systems operating under moderate to severe conditions in mobile and industrial service. These oils are formulated with high quality base oils and carefully selected performance additives to provide excellent protection against oxidation degradation, rust & corrosion and wear. They also possess superior foam control, water separation and rapid air release properties. The lower viscosity grades are formulated with field proven thermally stable zinc based anti-wear additive system and the higher viscosity grades are based on ash less anti-wear additive system.

Benefits:

- Excellent thermo-oxidative stability controls the formation of sludge & varnish and improves oil life.
- Exceptional anti-wear property results in longer pump and component life and reduces costs.
- Superior demulsibility helps in faster separation of water from oil and resists formation of emulsions.
- Special rust & corrosion inhibitors protect multi-metallurgy components even in presence of moisture.
- Rapid air release property minimizes chances of pump cavitations leading to trouble free operations.
- Compatible with multi-metals and sealing materials commonly used in hydraulic systems.

Application:

- Hydraulic systems operating under moderate to severe conditions in mobile and industrial service.
- Mobile hydraulic fluid power transmission systems and general machine lubrication.
- Older hydraulic systems where leakage is a problem and cost-effective hydraulic oil providing all-round protection is required.

Performance Standards:

DIN 51524 parts 2 HLP
DENISON HF 1A,
CINNATI MACHINE P 62,
AFNOR NFE 48603 HM,



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BRAX HYDRAULIC OIL 320

Typical Properties:

Particulars	ASTM METHOD	ISO 320
Density @ 15 ° C, kg/L	D-1298	0.898
Viscosity @ 40 ° C cSt	D-445	321.1
Viscosity @ 100 ° C cSt	D-445	24.2
Viscosity Index	D-2270	96
Flash Point (COC) ° C	D-92	266
Rust Test Distilled water	D-665A	Pass