



HYDRAULICS

Lubricant Range



The **complete** solution for hydraulic lubrication

The Rock Oil Hydraulic Fluids Range is suitable for most hydraulic systems where high levels of anti-wear and protection are required in conjunction with good service life reliability. They are suitable for a wide range of other applications where machinery lubricants with excellent anti-wear lubrication and resistance to degradation in service are required. Also included are a range of **Zinc Free** hydraulic fluids, a fully formulated series of **Bio** fluids that are low in toxicity and biodegradable, a **water-based** fluid for use in hazardous environments, and an advanced, synthetic, **anhydrous less flammable** hydraulic fluid.

HLP:
HYDRAULIC FLUID

ISO VG: 5, 10, 15, 22, 32, 46, 68, 100, 150

The HLP Hydraulic Oil Series are suitable for most hydraulic systems where high levels of anti-wear and protection are required in conjunction with good service life reliability.

- PN 05290: HLP 5
- PN 05010: HLP 10
- PN 05020: HLP 15
- PN 14120: HLP 22
- PN 05030: HLP 32
- PN 05040: HLP 46
- PN 05060: HLP 68
- PN 05080: HLP 100
- PN 05090: HLP 150

PARKER DENISON HF-0 • EATON BROCHURE 03-401-2010 • DIN 51524 PART 1 & 2 • MAG IAS P-69, P-68, P-70 • GM LS-2 • JCMAS HK • U.S. STEEL 127, U.S. STEEL 136 • BOSCH REXROTH RD90220 • SAE M51004



HLP LONG LIFE:
HYDRAULIC FLUID

ISO VG: 32, 46, 68

HLP Long Life Premium Hydraulic Oils are suitable for most hydraulic systems where high levels of anti-wear and protection are required in conjunction with good service life reliability.

- PN 00510: HLP LL 32
- PN 00980: HLP LL 46
- PN 07420: HLP LL 68

PARKER DENISON HF-0 • EATON BROCHURE 03-401-2010 • BOSCH REXROTH RD 90220, 90235, 90245 • DIN 51524-2 • ASTM D6158 HM • MAG IAS P-69, P-68, P-70 • GENERAL MOTORS LS-2 • JCMAS HK • SEB 181 222 • U.S. STEEL 126, 127 & 136 • ISO 11158 HM (FDIS 2008)



HVI:
HYDRAULIC FLUID

ISO VG: 15, 22, 32, 46, 68, 650

HVI Hydraulic Oils are a range of fluids based on premium grade paraffinic base stocks combined with the most advanced additive packs available to give the finest quality "HIGH VISCOSITY INDEX" fluids.

- PN 05121: HVI 15
- PN 05270: HVI 22
- PN 05141: HVI 32
- PN 05152: HVI 46
- PN 05162: HVI 68
- PN 26106: HVI 650

PARKER DENISON HF-0 • EATON BROCHURE 03-401-2010 • DIN 51524 PART 3 (INCL. 1 & 2) • MAG IAS P-69, P-68, P-70 • BOSCH REXROTH RD90220 • SAE M51004 • ISO 11158 HV & HM • ASTM D6158 HM



PPM HVI:
HYDRAULIC FLUID

POCLAIN BLUE ISO 46

PPM Hydraulic Oil is based on premium grade paraffinic base stocks combined with the most advanced additive packs available to give the finest quality "HIGH VISCOSITY INDEX" fluid.

PPM HYDRAULIC OIL fully meets the technical requirements of POCLAIN.

- PN 05200: PPM HVI 46



HVI ZF: ZINC FREE
HYDRAULIC FLUID

ISO VG: 32, 46

High performance zinc free hydraulic oil based on premium grade paraffinic base stocks combined with a top tier, ashless additive package.

- PN 07730: HVI ZF 32
- PN 07730: HVI ZF 46



ZF: ZINC FREE
HYDRAULIC FLUID

ISO VG: 32, 46, 68, 100, 150

ROCK OIL has a complete range of ZF (Zinc Free) HYDRAULIC OILS covering industrial, commercial, automotive and agricultural applications.

- PN 11032: ZF 32
- PN 11041: ZF 46
- PN 11051: ZF 68
- PN 11062: ZF 100
- PN 11071: ZF 150



PARKER DENISON HF-0 • EATON BROCHURE 03-401-2010 • DIN 51524 PART 3 (INCL. 1 & 2) • MAG IAS P-69, P-68, P-70 • BOSCH REXROTH RD90220 • SAE MS1004 • ISO 11158 HV & HM • ASTM D6158 HM

PARKER DENISON HF-0, HF-1, HF-2 • EATON BROCHURE 03-401-2010 • FIVES CINCINNATI P-68, P-69 AND P-70 • DIN 51524 PART 2 (HLP) & PART 3 (HVL) • ISO 11158 HV & HM

Cincinnati Milacron P-68 P-69 P-70 • DIN 51 524 Part 2 • Sperry Vickers I-286-S • AFNOR NF E 48-603 (HM)

BIO HYD: BIO
DEGRADABLE HYDRAULIC FLUID

ISO VG: 32, 46, 68

A fully formulated range of Hydraulic oils which are low toxicity and biodegradable. These products have unlimited application in areas such as construction, agriculture and forestry where environmentally friendly products are preferred.

- PN 05210: BIO HYD 32
- PN 05221: BIO HYD 46
- PN 05430: BIO HYD 68



BIO SYN: SYNTHETIC
ESTER BIO HYDRAULIC FLUID

ISO VG: 46

A high performance biodegradable hydraulic oil based on a synthetic carboxylic esters and containing specific ashless (non-metallic) additives to improve its general properties.

- PN 00540: BIO SYN 46



BIO HYD ES: FULL
SYNTHETIC BIO HYDRAULIC FLUID

ISO VG: 32, 46, 68

A range of high Viscosity Index biodegradable hydraulic oils based on a synthetic carboxylic esters showing high resistance against oxidation and containing specific ashless (non-metallic) additives to improve their general properties.

- PN 05250: BIO HYD ES 32
- PN 05710: BIO HYD ES 46
- PN 03750: BIO HYD ES 68



ISO DIS 6743/4- CAT.HV • DIN 51524 PART 3 • SS 155434 • VDMA 24568 TYPE HEES

ISO DIS 6743/4- CAT.HV • DIN 51524 PART 3 (EXCL. WET TOST) • SS 155434 • VDMA 24568 TYPE HEES

KUNAR 88/46:
WATER GLYCOL HYDRAULIC FLUID

ISO VG: 46

Kunar 88/46 is a water based hydraulic fluid for use in hazardous environments where leakage of conventional oil based media would present a serious fire hazard.

- PN 23050: KUNAR 88/46



HFD-U 46: FIRE
RESISTANT HYDRAULIC FLUID

ISO VG: 46

HFD-U 46 Hydraulic Oil is an advanced, synthetic, anhydrous less flammable hydraulic fluid based on organic esters and proven additives.

- PN 00540: HFD-U 46



Classification HFDU according to ISO 6743-4
ISO 12922 Specifications for fire-resistant hydraulic fluids - category HFDU

ANCILLARY PRODUCTS

The commercial lubricant ancillary range offers axle and bearing greases through to specialist damping oils for suspension systems and the latest generation of gearbox oils.



✓ MALONE HOUSE, 90 PRIESTLEY STREET, WARRINGTON, CHESHIRE, WA5 1ST, UNITED KINGDOM

☎ +44 (0) 1925 636191

@ SALES@ROCKOIL.CO.UK

🌐 ROCKOIL.CO.UK

f ROCKOIL.LUBRICANTS

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