

HIDRAULIC OIL

CHEMILUB HIDRAULIC OIL



PRODUCT DESCRIPTION

CHEMILUB HYDRAULIC OIL Extreme pressure monograde mineral-based hydraulic oil, advanced technology particularly suitable for any hydraulic system or system.

Hydraulic oils are formulated to perform well in a variety of hydraulic components used in systems subject to moderate operating conditions.

Hydraulic oil available in different viscosity indexes, 32, 46, 68, all containing effective anti-wear additive and anti-foam additives to release trapped air quickly.

PRODUCT DESCRIPTION

- ✓ Professional quality
- ✓ Good anti-foam properties.
- ✓ Resistance to oxidation, aging and sludge formation.
- ✓ Non corrosive to your system.
- ✓ Marked anti-wear properties.
- ✓ Low pour point.
- ✓ Long life and cost-effective

TECHNICAL SPECIFICATIONS

ISO GRADE		32	46	68
Viscosity at 100°C (cSt)	ASTM D-445	5,4	6,7	8,6
Viscosity at 40°C (cSt)	ASTM D-445	32	46	68
Viscosity Index	ASTM D-2270	104	97	97
Density at 15°C (g/cm ³)	ASTM D-4052	0,878	0,876	0,882
Flash Point(°C)	ASTM D-92	226	231	246
Pour Point (°C)	ASTM D-97	-24	-24	-24
FZG, Damage stage	DIN 51354	11	11	11
4B wear, scar diameter (mm)	ASTM D-4172	0,50	0,45	0,45
RES. OXIDATION, acid number at 1500hrs (mg KOH/g)	ASTM D-943	<2	<2	<2
DE-EMULSIFICATION (54°C ⁽¹⁾ /82°C ⁽²⁾) min	ASTM D-1401	<20 ⁽¹⁾	<20 ⁽¹⁾	<30 ⁽²⁾
COPPER CORROSION 3h AT 100°C	ASTM D-130	1b	1b	1b

Results tested in the laboratory.

Quality Level
DIN 51524 Part 2 HLP
ISO 6743-4 HM / ISO 11158 HM
AFNOR NF-E 48-603 HM
PARKER DENISON HF-0, HF-1, HF-2
EATON Brochure 03-401-2012
FIVES CINCINNATI P-68(32), P-70 (46), P-69 (68)
BOSCH-REXROTH 90220 (46)
ENGEL (46)

APPLICATIONS

Indicated for all hydraulic systems, cylinders that operate in very severe conditions: public works machines, agricultural and industrial equipment, etc., that operate at high pressures and, therefore, require excellent characteristics and anti-wear.

METHOD OF APPLICATION


APPLICATION

- Fill up the equipment tanks. When used as a general lubricating oil, it can be applied by any system: lubricator, sprayer, brush, etc.

SAFETY INFORMATION

For information and advice on safe handling, storage and disposal of chemicals, the user should refer to the most recent version of the Material Safety Data Sheet which contains physical, ecological, toxicological and other safety-related data. For information and advice on safe handling, storage and disposal of chemicals, the user should refer to the most recent version of the Material Safety Data Sheet which contains physical, ecological, toxicological and other safety-related data.

PACKAGING

SAP	DESCRIPCIÓN	VOLUME L		EAN
CHC41020105	CHEMILUB HIDRAULIC OIL ISO32 HM	5	4	5604630146715
CHC41020120	CHEMILUB HIDRAULIC OIL ISO32 HM	20	1	5604630158572
CHC410201204	CHEMILUB HIDRAULIC OIL ISO32 HM	200	1	5604630146746
CHC4102011000	CHEMILUB HIDRAULIC OIL ISO32 HM	1000	1	5604630146753
CHC41020205	CHEMILUB HIDRAULIC OIL ISO46 HM	5	4	5604630146760
CHC41020220	CHEMILUB HIDRAULIC OIL ISO46 HM	20	1	5604630158602
CHC410202204	CHEMILUB HIDRAULIC OIL ISO46 HM	200	1	5604630146791
CHC4102021000	CHEMILUB HIDRAULIC OIL ISO46 HM	1000	1	5604630146807
CHC41020305	CHEMILUB HIDRAULIC OIL ISO68 HM	5	4	5604630146814
CHC41020320	CHEMILUB HIDRAULIC OIL ISO68 HM	20	1	5604630162449
CHC410203204	CHEMILUB HIDRAULIC OIL ISO68 HM	200	1	5604630146845
CHC4102031000	CHEMILUB HIDRAULIC OIL ISO68 HM	1000	1	5604630146852

Note: This technical data sheet cancels and replaces others previously issued for the same product. The technical information provided, verbally or in writing, is based on our current knowledge and is provided in good faith and supported by various laboratory tests. In view of the diversity of factors which may affect the product during use, as well as the various application techniques, the user is responsible for confirming and carrying out his/her own tests and experiments, whether the product is suitable for the process and type of use in question. For these reasons, any application of the product is effected under the sole responsibility of the user, and CHEMITOOL- LUSAVOUGA S.A. cannot be held liable for any loss or damage resulting directly or indirectly from the application. All features, specifications and product images are subject to change without notice.