HOUGHTON

Cap. Soc. € 1.548.000 i.v.
C.C.I.A.A. 27910
Reg. Soc. 8032 - Trib. Genova
Cas. Post. 6069 GENOVA

c/c Postale: 15079163
C.F./P. IVA: 00266750108
e-mail: info@houghton.it

HOUGHTON ITALIA S.p.A.

UNI EN ISO 9001:1994 CERTIQUALITY SISTEMA QUALITÀ CERTIFICATO

Direzione - Sezione Amministrativa
Ufficio Vendite-Acquisti
16162 Genova - Bolzaneto
Via Pastorino 38
Tel. +39-010-726.41.1
Telefax +39-010- 745.00.55

Produzione - Sezione Marketing
Tecnica – Ricerca
16161 Genova - Teglia
Via F.lli Bronzetti 22
Tel. +39-010-741.02.1
Telefax +39-010- 740.73.75

HYDRO DRIVE HM Series

Data Sheet

OLEODYNAMIC DEVICES SPECIAL FLUIDS

HYDRO DRIVE HM Series are mineral oils particularly suitable for oleodynamic devices where are requested excellent antiwear properties and thermic stability, allowing high lubrication characteristics for pumps and other hydraulic circuits.

HYDRO DRIVE HM Series point out the following advantages:

- Good wear resistance
- Thermic stability
- Good filtering conditions
- Air release
- Demulsibility
- Rust prevention
- Hydrolytic stability

HYDRO DRIVE HM Series meet ISO 6743 regulations ”hydraulic oils, HM series”.

CHEMICAL-PHYSICAL CHARACTERISTICS

		HYDRO DRIVE Series				
Characteristics	Unity	HM 10	HM 22	HM 32	HM 46	HM 68
Density at15,5°C	kg/m^3	874	861	869	874	877
Viscosity at 40°C	cSt	10	22	31	45	68
Viscosity at100°C	cSt		4,1	5,4	6,8	8,9
Viscosity Index			105	105	104	100
Cloud Point	°C	-39	- 34	-30	-30	-28
Flash Point	°C	140	210	220	228	244

HYDRO DRIVE HM Series meet the following technical specifications:

- DIN 51524 Part II (HLP)
- DENISON HF-0, HF-2
- VICKERS M-2952-S (35 VQ25)
- CINCINNATI MILACRON P-68,69,70
- AFNOR NF E 48-603 HM, NF E 48-690,NF E 48691

COMPATIBILITY

HYDRO DRIVE HM Series are compatible with the common elastomers generally used in oleodynamic devices and with materials utilized with mineral oils.

STORAGE

All products maintain their chemical-physical and working characteristics if stored in a sheltered place to avoid water infiltrations at temperatures not over 60°C .

SAFETY OF USE

No toxic or carcinogenic, teratogenic or mutagenic known materials are contained in HYDRO DRIVE HM Series and in all Houghton products and particular care has been paid in the choice of the components.

WASTE TREATMENT

Products cannot be directly discharged. Follow national or local instructions.

L-04 APPROVAL: P.GHEZZI