

HOUGHTO-DRIVE HM Hydraulic Oils

DESCRIPTION

Houghto-Drive HM Hydraulic & Lubricating Oils incorporate safe and effective additives in high quality solvent refined base oils.

Designed for the arduous requirements of high performance hydraulic systems, they are also suitable for machine tool lubrication, allowing product rationalisation.

BENEFITS

- Longer plant / equipment life, with fewer failures
- Lower spend on maintenance and repairs
- Increased plant availability
- Reduced energy consumption
- Increased productivity
- Multifunctionality aids inventory management

TYPICAL PHYSICAL PROPERTIES

<i>Houghto-Drive HM</i>	3	5	10 / 10AB	22	32	46 / 46AB	68	100	150	220
Specific Gravity @ 15.5°C	0.83	0.83	0.85	0.87	0.87	0.88	0.88	0.89	0.89	0.91
Kinematic Viscosity @ 40°C cSt	3	5	10	22	32	46	68	100	150	220
Kinematic Viscosity @ 100 °C cSt	-	-	2.9	4.2	5.6	6.8	8.7	11.3	15	19.5
Viscosity Index	-	-	100	100	100	100	100	100	100	100
Pour Point °C	-30	-12	-21	-21	-18	-15	-12	-12	-12	-12
Flash Point °C (ASTMD92)	100	120	160	185	200	200	220	225	225	240

Houghto-Drive HM products also meet or exceed the requirements of the following main tests for this fluid category:

- Copper corrosion resistance (ASTM D130)
- Rust Test (ASTM D665A)
- Demulsibility (ASTM D1401-96)
- Foam Test (ASTM D892 I, II, III).

APPLICATIONS

Hydraulic systems requiring maximum antiwear protection.
High-speed machine tool spindles and gearboxes.

RECOMMENDATION FOR USE

Use as supplied, without dilution.

ADDITIONAL PRODUCT DATA

- ISO6743-6 HM
- DIN 51524 part 2 and 3 (HLP)
- Vickers M 2950-S
- US Steel 127,136
- Cincinnati Machine P-68, P-69, P-70

RELATED PRODUCTS

Our oil based hydraulic and lubricating fluids are designed to work in harmony with our wide range of metalworking coolants.

We also specialise in fire resistant hydraulic fluids of all categories, under the brands Hydrolubric, Houghto-Safe, Isocor and Cosmolubric.

STORAGE

Please refer to section 7 of Safety Data Sheets for handling and storage information, including product shelf life. Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is usually between 5°C and 40°C unless otherwise specified. Use stock in delivery rotation.

HEALTH AND SAFETY

Safety data sheets are available in accordance with Regulation (EC) No 1907/2006 Annex II where a substance or preparation meets the criteria in accordance with Directives 67/548/EEC or 1999/45/EC.

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