

Houghto-Drive HV Hydraulic Oils

DESCRIPTION

Houghto-Drive HV Hydraulic Oils are multi-grade lubricants containing ash-free antiwear and friction modifying additives in premium quality base oils.

They are designed to retain their viscosity and performance characteristics over a wider temperature range than would be possible for conventional hydraulic oils.

BENEFITS

- Longer plant / equipment life, with fewer failures
- Lower spend on maintenance and repairs
- Increased plant availability
- Much reduced energy consumption in extreme temperature applications
- Increased productivity
- Reduced fuel consumption in construction equipment due to better cold start

TYPICAL PHYSICAL PROPERTIES

Houghto-Drive HV	32	46	68
Specific Gravity @ 15.5°C	0.87	0.87	0.87
Kinematic Viscosity @ 40°C cSt	32	46	68
Kinematic Viscosity @ 100 °C cSt	6.5	8.5	11.5
Viscosity Index	>150	>150	>150
Pour Point °C	-30	-27	-24
Flash Point °C (ASTMD92)	200	200	220

Houghto-Drive HV oils are dyed red to distinguish them from mono-grade oils
Houghto-Drive HV 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

Especially suitable for hydraulic systems that are subject to extreme ambient or operating temperatures, e.g. in outdoor environments.

RECOMMENDATION FOR USE

Use as supplied, without dilution.

ADDITIONAL PRODUCT DATA

- ISO6743- 4 HV
- DIN51524 Part 2 and 3 (HVLV)
- Denison HF0, HF1, HF2
- 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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