

EPPCO HYDRA HVI

PRODUCT DESCRIPTION

EPPCO HYDRA HVI are range of high performance, high viscosity index hydraulic oils with very low pour points. The key benefit includes excellent lubrication in arduous working conditions and in extremes of temperature where shear stable high viscosity index antiwear type hydraulic oils are essential for high pressure systems. **EPPCO Hydra HVI** oils have been developed to meet the performance requirements of major hydraulic equipment manufacturers.

APPLICATIONS

- ◆ Industrial hydraulic equipment operating under wide temperature conditions, especially low ambient
- ◆ Marine deck equipment, automatic hydraulic controls
- ◆ Mobile equipment especially working in refrigerated areas
- ◆ Machine tools operating with numerically controlled equipment
- ◆ Some makes of enclosed gear systems

PERFORMANCE STANDARDS

HYDRA HVI meets and exceeds the following OEM and International specifications:

DIN 51524/3 HVLP
 AFNOR NF E 48-603 HV
 Vickers I-286, M-2950-S
 Hagglunds-Denison, HF-2, HF-0
 ISO 6743/4 HM
 Cincinnati Milacron P68, P69 and P70

The HYDRA oil viscosity grade should be used according to the equipment manufacturer's recommendations.

BENEFITS

HYDRA HVI provides:

- ◆ Multigrade viscosity characteristics
- ◆ Excellent oxidation and thermal stability
- ◆ Improved low temperature pumpability
- ◆ Long pump and component life
- ◆ Suitability for vane, axial piston and gear pumps using all metal types
- ◆ High shear stability to provide extended pump performance

Technical Data*						
ISO Grades	15	22	32	46	68	100
Kinematic Viscosity						
mm ² /s @ 40°C	15.6	20.9	30.8	45.5	65.7	95.1
mm ² /s @ 100°C	3.9	4.8	6.2	8.1	10.8	14.1
Viscosity Index, min	153	159	154	154	154	152
Flash Point, COC, °C	155	195	228	234	238	246
Pour Point, °C	-42	-39	-39	-36	-33	-21
Product Code	340014	340008	340007	340009	340010	340011

*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible

HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the EPPCO Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.