



# ENOC AXIS HVI

## PRODUCT DESCRIPTION

**ENOC AXIS HVI** is a range of high performance, high viscosity index hydraulic oils with very low pour points. The key benefit is that they will lubricate 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. **AXIS 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 ambients
- ◆ 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

**AXIS 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 HV  
Cincinnati Milacron P68, P69 and P70

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

## BENEFITS

**AXIS 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 <sup>2</sup> /s @ 40°C	15	22	32	46	68	100
mm <sup>2</sup> /s @ 100°C	3.9	4.8	6.2	8.1	10.8	14.1
Viscosity Index	165	170	156	154	154	151
Flash Point °C	160	180	206	210	216	224
Pour Point, °C	-42	-42	-36	-36	-33	-27
FZG Damage Load Stage	11	11	11	11	11	11
Product code	240014	240008	240007	240009	240010	240011

\*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 ENOC 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.