



HYDOL EAL

PRODUCT DESCRIPTION:

To reduce the environmental impact and PROTECT THE ENVIRONMENT: from accidental oil spills, Venom has developed a range of synthetic oleochemical esters based biodegradable hydraulic oil products. The Hydol EAL range of biodegradable hydraulic oils are readily biodegradable lubricants which meet very strict criteria and requirements in terms of biodegradability and toxicity.

APPLICATION:

Hydol EAL lubricants are designed for use in high pressure industrial, marine, construction and mobile applications that are operated in environmentally sensitive areas. Use in applications that require any of the following:

- Pw1 Ultimate Biodegradability (ASTM D5864)
- Vessel General Permit (VGM) Compliant
- OECD 301B Readily Biodegradable
- EN 16807: European Standard

FEATURES & BENEFITS:

- Excellent biodegradability (ultimately biodegradable)
- Very high renewability content
- Low aquatic toxicity
- Excellent low temperature flow properties
- Good antiwear and anticorrosion performance
- Excellent oxidation stability
- Non bio accumulating
- Good SRE-NBR seal compatibility

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	HYDOL EAL		
ISO VG			46	68	100
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	8	10.8	14.5
Viscosity Index	ASTM D-2270	-	148	149	150
Density @15°C/ 60°F	ASTM D-4052	g/cm3	TBR	TBR	TBR
Flash Point (min)	ASTM D-92	°C	280	284	286
Pour Point (max)	ASTM D-97	°C	-44	-42	-40
Copper Strip Corrosion 3 hours @ 100° C	ASTM D-130	-	1A	1A	1A
Rust Characteristics	ASTM D-665A&B	-	PASS	PASS	PASS
Foam Sequence I, II, III	ASTM - D892	ml	0/0, 0/0, 0/0	0/0, 0/0, 0/0	0/0, 0/0, 0/0
Demulsibility, 54°C, 3ml emulsion	ASTM - D1401	minutes	40/40/0 (15)	40/40/0 (20)	40/40/0 (20)

DISCLAIMER:

This test data mentioned above is not a definitive specification but serves as an indication and may fluctuate within acceptable production tolerances. Venom retains the right to alter this test data. Any updated information will replace previous versions, so please consult the latest Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil can lead to skin conditions. Please avoid contact. If you do come into contact with oil, wash the affected area immediately with soap and water. Do not dispose of used oil down drains or into the environment; instead, take it to an authorized used oil collection point.

HEALTH & SAFETY:

This product is unlikely to pose significant health or safety risks when used properly in the recommended application and with good personal hygiene practices. For more information, please refer to the Safety Data Sheet (SDS), which is available upon request from your local sales office.

PROTECT THE ENVIRONMENT:

Please take used oil to an authorized collection point and adhere to local regulations. Do not discharge it into drains, soil, or water.

STORAGE:

We recommend storing all packages in a covered area. If outdoor storage is necessary, drums should be positioned horizontally to prevent water ingress and protect the markings. Products should never be stored above 60°C or exposed to direct sunlight or freezing temperatures.