

DRAULA-H

Anti-wear hydraulic fluid (AW) made with high quality paraffinic bases and excellent thermal stability. Its formulation meets the severe operating requirements of modern positive displacement, high pressure and speed hydraulic pumps in mobile and stationary systems.

USES

For use in power transmission fluid and hydraulic systems. It also meets the requirements of axial piston pumps, which have bronze-steel metallurgies and for hydrostatic transmissions.

PROPERTIES

- Excellent resistance to oxidation in modern hydraulic systems that work under conditions of extreme load, temperature and with the presence of water, air or copper.
- Quick release of air in the system, due to the modern technology of antifoam additives that prevent oil oxidation and cavitation in the pumps.
- Excellent property of the anti-wear zinc additive, helps to minimize wear on vane pumps and corrosion of critical components in which tolerances are extremely tight.
- Good hydrolytic stability due to the presence of water, which allows better protection and longer life of the metal parts.
- It is also highly resistant to degradation and sludge formation.
- Reduces the risk of corrosion and rust formation.

SPECIFICATIONS

DRAULA-H fluids meet the following manufacturer specifications:

- Parker (Denison) HF-0 / HF-1 / HF-2 (HM, HV)
- AFNOR NF-E 48-603
- JCMAS P041 HK Hydraulic Specification
- MAG P68, P69, P70 (HM, HV)
- Eaton Vickers M-2950-S / I-286-S3
- ISO 11158 (HM, HV) / ASTM D6158 (HM, HV)
- JCMAS P041 HK Hydraulic Specification
- Bosch Rexroth RE 90220 / SAE MS 1004 (HM, HV)
- ANSI / AGMA 9005-E02-RO
- GM LS-2 / AIST 126, 127 / SEB 181222

HEALTH AND SAFETY

This product does not present a health or safety risk as long as good personal and industrial hygiene practices are maintained. In case of contact with the skin, wash immediately with soap and water.

Do not pour used oil down drains or gutters. Dispose of waste responsibly. For more information, request the Safety Data Sheet



TYPICAL PROPERTIES

PHYSICOCHEMICAL TESTS	UNIT	METHOD	AVERAGE VALUES		
ISO VG grade			22	32	46
Relative Density @ 15°C	Kg/L	ASTM D-4052	0.86	0.86	0.86
Kinematic Viscosity @ 40°C	cSt	ASTM D-445	22.0	32.0	68.0
Kinematic Viscosity @ 100°C	cSt	ASTM D-445	4.3	5.4	6.8
Viscosity Index		ASTM D-2270	100	102	101
Flashpoint	°C	ASTM D-92	190	200	220
Max. Pour Point	°C	ASTM D-97	-29	-26	-26
Foam, Sequence I, Tendency to Stability	mL	ASTM D-892	20/0	20/0	20/0
Foam, Sequence II, Tendency to Stability	mL	ASTM D-892	20/0	20/0	20/0
Foam, Sequence III, Tendency to Stability	mL	ASTM D-892	20/0	20/0	20/0

The specifications are average values. In the manufactured batches there may be slight variations that do not affect the quality of the product, or the performance.

PHYSICOCHEMICAL TESTS	UNIT	METHOD	AVERAGE VALUES		
ISO VG grade			68	100	150
Relative Density @ 15°C	Kg/L	ASTM D-4052	0.87	0.88	0.88
Kinematic Viscosity @ 40°C	cSt	ASTM D-445	68.0	100.0	150.0
Kinematic Viscosity @ 100°C	cSt	ASTM D-445	8.8	11.1	14.8
Viscosity Index		ASTM D-2270	102	96	98
Flashpoint	°C	ASTM D-92	234	242	250
Max. Pour Point	°C	ASTM D-97	-21	-18	-15
Foam, Sequence I, Tendency to Stability	mL	ASTM D-892	20/0	20/0	20/0
Foam, Sequence II, Tendency to Stability	mL	ASTM D-892	20/0	20/0	20/0
Foam, Sequence II, Tendency to Stability	mL	ASTM D-892	20/0	20/0	20/0

AVAILABLE SIZES

DRAULA-H
3,785 L (1 gal) bottle
5 gallon bucket
55 gal cylinder