

MAXIM PREMIUM ANTI-WEAR HYDRAULIC OILS

MAXIM Premium Anti-Wear Hydraulic Oils are designed to meet the most stringent requirements of most major manufacturers and users of hydraulic equipment. The six grades meet the viscosity requirements of essentially all hydraulic systems. Maxim hydraulic oils are effective in reducing vane and gear pump wear in systems operating at high loads, speeds and temperatures. Its specialized additive makeup also allows the use of Maxim hydraulic oils in severe service hydraulic systems employing axial and radial piston pumps. Maxim premium anti-wear hydraulic oils provide extended oxidation protection.

MAXIM hydraulic oils are characterized by outstanding oxidation resistance and corrosion protection; excellent thermal and hydrolytic stability, low pour points, foam resistance and the demulsibility required in fluids used in modern high pressure hydraulic systems. They are non-corrosive to metal alloys, except those containing silver and are fully compatible with common seal materials. For Zinc free (ashless) anti-wear hydraulic oils, please ask for our ZF Anti-Wear oils, also in common ISO grades.

TYPICAL PROPERTIES

Item Number	01029	01030	01032	01034	01036	01037
Viscosity Grade (ISO)	22	32	46	68	100	150
Gravity, API ASTM (D-1298)	33.0	32.0	31.0	30.7	29.6	28.8
Viscosity, cSt @ 40C (D-445)	22.0	33.0	47.2	71.2	106.8	161.8
cSt @ 100C (D-445)	4.3	5.8	6.7	8.78	10.22	14.26
Viscosity, SUS @ 100F (D-2161)	115	155	220	330	490	745
SUS @ 210F (D-2161)	41	45	48	55	64	79
Viscosity Index	102	103	103	103	98	97
Pour Point, °F	-30	-30	-30	-30	-15	-10
Flash Point, °F, OC (>)	400	420	460	490	500	500
Color, ASTM (D1500), Max.	1.0	1.0	1.0	1.5	1.5	2.0
Demulsibility, (D1401) 40-40-0	---	pass	pass	pass	---	---
Oxidation, (D 943) Hrs to 2.0 TAN	6000+	6000+	6000+	6000+	6000+	6000+
TAN @ 1000 Hrs. ASTM (D 4310)	.3	.3	.3	.3	.3	.3
Corrosion Test, ASTM (D 665B)	----- Pass -----					
Hydrolytic Stability, (D 2619)						
Cu mass loss mg/cm ² :	---	.15	.15	.15	.15	.15
Acidity of water layer :	----- Basic -----					

Typical properties are approximate values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.



MAXIM Premium Anti-Wear Hydraulic Oils

MAXIM Premium Anti-Wear Hydraulic Oils are formulated in suitable viscosity grades to meet or exceed the requirements for industrial and mobile hydraulic systems which call for:

- + EATON-Vickers- 35VQ25A for M 2950-S,
I-256-5 (ISO 32,46,68)
- + DIN 51524, Part II HLP
- + ISO 6743/4 Cat4 L-HM
- + Bosch Rexworth (ISO 32,46,68)
- + Sauer-Sunstrand
- + U.S. Steel 127, 136
- + GM LS-2, LH for Anti-Wear Hydraulic fluids.
(ISO 32,46,68)
- + Cincinnati Machine P-68, P-69, P-70
- + Denison HF-0 / T6C, HF-2 (ISO 32,46,68)
- + Racine Model S
- + ANFOR NFE 48-603

Packaging-

MAXIM Premium Anti-Wear Hydraulic Oils are available in 55 gallon steel drums, totes and bulk quantities.

D.O.T. ID.: PETROLEUM PRODUCTS,
(NOT D.O.T. REGULATED)

Per OSHA Std. 29 CFR 1910.1200: Read and understand the Safety Data Sheet before handling or disposing of this material.

HMIS	
Health	1
Flammability	1
Reactivity	0
Personal Protection	X

DISCLAIMER Information contained herein is believed to be correct and reliable. However, Maxim Petrochemical Corporation does not assume liability for it or for recommendations of our representatives inasmuch as conditions and methods of use are beyond our control. Further, we make no warranty, expressed or implied, of any kind regarding those products or their use and purchaser assumes all risks of use or handling either in accordance with directions or not.

MANUFACTURER DISCLAIMER The information and recommendations contained herein are, to the best of the knowledge and belief of Maxim Petrochemical Corporation, accurate and reliable as of the date issued. Maxim does not warrant or guarantee their reliability, and Maxim shall not be liable for any loss or damage arising out of use thereof. The information and recommendations are for the user's consideration and examination. Conditions of use are beyond Maxim's control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risk of their use, handling, and disposal of the product(s). This information relates only to the product(s) designated herein and does not relate to its use in combination with any other material or in any other process.

Rev.01 2019

MAXIM OIL & CHEMICAL COMPANY
Fort Worth, Texas Phone (817) 293-4645
www.maximoil.com

