



HYDRAULIC OIL

AW22, AW32, AW46 AND AW68

Wakefield Hydraulic Oils contain a zinc/phosphorous additive to minimize wear in high speed, high-pressure vane, gear, and piston pumps.

Advantages

- Good wear protection and oxidation stability
- Good rust inhibiting properties

TYPICAL CHARACTERISTICS				
NAME	AW22	AW32	AW46	AW68
AGMA GRADE	-	-	1	2
COLOUR	L 1.0	L 1.0	L 1.5	L 2.5
SPECIFIC GRAVITY (60°F)	0.851	0.854	0.857	0.865
VISCOSITY @ 100° C, cSt	4.5	5.7	6.9	9.0
VISCOSITY @ 400 C, cSt	22.5	32.5	43.6	66.5
VISCOSITY INDEX	111	115	114	111
FLASH POINT °C	218	230	248	254
POUR POINT °C	-42	-39	-36	-33
DEMULSIBILITY D-1401	PASS	PASS	PASS	PASS
OXIDATION STABILITY D-943, HRS	4,500	4,200	4,200	4,200
RUST CHARACTERISTICS D-665, A&B	PASS	PASS	PASS	PASS
COPPER CORROSION	1A	1A	1A	1A



Meets Following Product Performance

- Cincinnati Machine P-68, P-69, P-70
- Denison HF-0, HF-1, HF-2
- Eaton Brochure 03-401-2010
- Eaton Lubricant Specification E-FDGN-TB002-E
- Parker Hannifin HF-0, HF-1, HF-2
- MAG IAS P-68, P-69, P-70
- DIN 51523 PARTS 1, 2, 3
- General Motors LS-2
- US Steel 126, 127, 136
- Sauer Danfoss
- Bosch Rexroth RDE90240 Basic Level Approval
- Bosch Rexroth RDE-90235
- ISO 11158
- SEB 181222
- JCMAS HK
- ASTM D6158
- ASTM D6158 HL, HM, HV
- Chinese Standard GB 11118.1 L-HL & L-HM High-pressure and General
- Danieli 0.000.001 Type 10&11
- DIN 51524 PART 1, 2, 3
- ISO 11158 HL, HM, HV
- JCMAS HK P041
- SAE MS1004
- Swedish Standard SS 155434:2015
- ZF TE-ML 07H
- ZF TE-ML 21M

Health and Safety

Based on available information, this product is not expected to produce adverse effect on health when used for the application referred to above and the recommendations provided in the Safety Data Sheet (SDS) are followed. SDS' are available upon request through your sales contact office. This product should not be used for purposes other than the applications referred to above. If disposing off used product, take care to protect the environment, return used oil to collection centre.