

PREMIUM HYDRAULIC OIL



Features & Benefits

- Excellent corrosion and wear protection for long pump life
- Excellent foam resistance for efficient pump operation
- Excellent water tolerance where contamination is unavoidable
- Outstanding oxidation resistance for long service life

Typical Results

Test Method	15	22	32	46	68	100
GRADE	ISO 15	ISO 22	ISO 32	ISO 46	ISO 68	ISO 100
COLOUR (D1500)	1.0	1.0	1.5	1.5	2.5	2.5
VISCOSITY (D445) cSt @ 40°C cSt @ 100°C	15.3 3.6	22.2 4.7	32.4 5.8	44.2 7.2	68.8 9.6	101.9 12.3
DENSITY (D4052), kg/L	0.84	0.84	0.85	0.85	0.86	0.87
VISCOSITY INDEX (D2270)	119	133	122	124	119	113
POUR POINT (D5949), °C	-55	-50	-45	-43	-40	-35
FLASH POINT (D93), °C	189	202	219	221	230	223
OXIDATION LIFE (D943), HRS	5000+	5000+	5000+	4500+	3000+	2000+
ZINC CONTENT, (D4951) %WT	0.04	0.04	0.04	0.04	0.04	0.04
DEMULSE (D1401), TIME TO 40/40/0, MIN.	15	35	20	10	10	5

Sizes & Order Codes

Size	15	22	32	46	68	100
3.78L 1 US Gal	-	-	F0006626	-	-	-
18.9L 5 US Gal	F0087640	F0087740	F0082840	F0088140	F0088240	F0087540
205L 54.2 US Gal	-	F0013150	F0013250	F0013350	F0013450	F0012950
1000L 264 US Gal	-	F0006460	F0006660	F0007060	F0007260	-
Bulk Tote	-	F0087640	F0105701	F0109801	F0105801	-
Bulk	B0006101	B0006401	B0006601	B0007001	B0007201	B0006001

IRVING PREMIUM HYDRAULIC oils are high performance anti-wear hydraulic oils. These oils are blended from quality paraffinic mineral oil which gives them their ability to maintain their viscosity over a relatively wide range of operating temperatures.

IRVING PREMIUM HYDRAULIC oils are fortified with additives to provide the best possible wear-protection and service life.

IRVING PREMIUM HYDRAULIC oils protect hydraulic pumps and motors while resisting deterioration, water contamination and sludge formation.

IRVING PREMIUM HYDRAULIC oils provide superior performance in all critical areas as proven by industry standard tests, many of them developed by the pump manufacturers themselves.

IRVING PREMIUM HYDRAULIC oils are NOT recommended for use with pumps that contain silver-plated parts. For these applications, use Irving D&E oils.



www.irvingoil.com/lubricants
1.800.574.5823

Supporting data available to demonstrate acceptable performance. Check with your sales associate for latest product approvals. Please note, these are typical performance indicators and can change without notice.

This data sheet replaces previous versions prior to 03-04-19.

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HYDRAULIC

Premium Hydraulic Oil

Specifications

Meets Requirements Of:	15	22	32	46	68	100
DIN 51524-2 (HLP)	✓	✓	✓	✓	✓	✓
ASTM D6158 (HM)	✓	✓	✓	✓	✓	✓
ISO 11158 (HM)	✓	✓	✓	✓	✓	✓
SAE MS 1004 (HM)	✓	✓	✓	✓	✓	✓
Parker (formerly Denison) HF-0, HF-1, HF-2	-	-	✓	✓	✓	-
Eaton M-2950-S, I-286-S3 and 35VQ25 (Obsolete)	-	-	✓	✓	✓	-
Bosch Rexroth RE 90220, 90240 (Obsolete)	✓	✓	✓	✓	✓	✓
GM LS-2	-	✓	✓	✓	✓	-
Fives P-68	-	-	✓	-	-	-
Fives P-69	-	-	-	-	✓	-
Fives P-70	-	-	-	✓	-	-
AIST 126	-	-	✓	✓	✓	-
AIST 127	-	-	✓	✓	✓	-

Always consult your owner's manual to check the type and quality of the fluid to be used!

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