PETROMIN

PRODUCT DATA SHEET

HYDRAULIC OIL AW

PETROMIN HYDRAULIC OILS AW are blended from high quality, chemically stable solvent refined base oils and incorporated with balanced additive system which include anti wear and oxidation inhibitors. Utilization of Hydraulic Oils AW will provide excellent wear protection in hydraulic and circulation systems and good air release properties.

BENEFITS

- Excellent anti-wear performance.
- Provide rust and corrosion protection.
- Superior Filterability.
- Low friction.
- Excellent water separation, air release and antifoam properties.
- Hydrolytic stability.
- Seal and paint compatibility.

SPECIFICATION & APPROVALS

Petromin HYDRAULIC OIL AW has the following Builder Approvals:

- Cincinnati Milacron P-68, P-69, P-70

Petromin HYDRAULIC OIL AW meets or exceeds the requirements of (except HD 10W):

- AFNOR NFE 48603 HM
- David Brown Table E
- Denison HF-0, HF-2
- Eaton 35VQ25A
- DIN 51524 Part III
- Sperry Vickers M 2952 S

APPLICATIONS

PETROMIN HYDRAULIC OILS AW are recommended for most types of hydraulic systems, moderately-loaded gears and bearing lubricated by circulation and bath and ring oiling.

They are not recommended to be used with yellow and white metals components in any equipment. They are available in a wide range of viscosities to meet a variety of design and operating requirements.

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PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE								TEST METHOD
ISO GRADE	**-**	**10W**	**32**	**37***	**46**	**68**	**100**	**150**	**HD 10W****	DIN 51511
Specific Gravity @ 15 °C	-	0.87	0.87	0.88	0.87	0.88	0.89	0.895	0.877	ASTM D-4052
Viscosity @ 40°C	mm^2/s	31.9	31.4	36.9	45.8	68.1	99.1	149.9	34.7	ASTM D-445
Viscosity @ 100 °C	mm^2/s	5.4	5.4	5.9	6.8	8.8	11.1	14.6	5.7	ASTM D-445
Viscosity Index	-	104	103	103	102	101	97	96	103	ASTM D-2270
Flash Point, COC	°C	218	218	224	230	254	260	272	230	ASTM D-92
Pour Point	°C	-12	-12	-9	-9	-9	-6	-6	-27	ASTM D-97
Color	-	L 1.0	L 1.0	L 1.0	1.5	1.5	L 2.0	2.5	1.5	ASTM D-1500
Neutralization NO.	mg KOH/g	0.72	0.38	0.38	0.38	0.38	0.38	0.38	-	
Product Code		**5010**	**5020**	**5030**	**5040**	**5070**	**5100**	**5090**	**2110**	

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.