

DESCRIPTION

Petrogulf MAXON Hydraulic Oils High Viscosity Index are high-quality hydraulic oils specially developed to satisfy the wide temperature variations and viscosity range encountered with modern hydraulic systems and meets the requirements of the world's leading hydraulic equipment manufacturers. These oils are suitable for most hydraulic application such as machine tools, presses, as well as earthmoving equipment, can be used for lubrication of all high-pressure and high-speed vane, piston gear type hydraulic pumps, and for use in hydraulic equipment operating in extreme temperature conditions.

KEY FEATURES & BENEFITS

- Excellent anti-wear properties
- High resistance to oxidation resulting in longer service life
- High shear Stability
- Good demulsification properties, high resistance to foaming
- Compatible with all rubber seals
- High viscosity index due to highly refined base oils
- Excellent anti-corrosion and anti-rust properties
- Reduces maintenance costs
- Improves equipment performance

PERFORMANCE LEVELS

- Vickers 1-286-S, m-2950-S
- Denison HF-1, HF-2, HF-0
- Lee Norse 100-1
- US Steel 126,127
- Ford M-6C-32
- Cincinnati Milacron P-68, P-69, P-70
- General Motors LH-04-1, LH-06-1, LH-15-1
- DIN 51524 Part 2
- B.F. Goodrich 0152
- AFNOR E48-603

TYPICAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES			
	10	15	22	32
ISO Grade	10	15	22	32
Kinematic Viscosity @40°C, mm ² /s	10.2	15.4	22.2	32.0
Kinematic Viscosity @100°C, mm ² /s	2.96	3.89	4.92	6.33
Viscosity Index	154	154	153	153
Density @ 15°C Kg/L	0.830	0.848	0.858	0.865
Pour Point °C	-45	-42	-39	-39
Flash Point , (COC) °C	166	180	186	208
Air Release @ 50°C, min	1.0	1.0	1.5	2.0
FZZ Pass Load Stage, Kg	10	10	10	10
Zinc Content, % w/w	0.04	0.04	0.04	0.04
Color ASTM	L0.5	L1.0	L1.0	L1.5

**These characteristics are typical of current production. Whilst future production will conform to Petrogulf specification, variations in these Characteristics may occur. The oil drain interval as specified by the engine manufacturer should be adhered to, particularly where indirect fuel Injection is used.*

TYPICAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES			
ISO Grade	46	68	100	150
Kinematic Viscosity @40°C, mm ² /s	46.08	68.2	100.1	150.1
Kinematic Viscosity @100°C, mm ² /s	8.12	10.86	13.9	18.2
Viscosity Index	150	150	140	135
Density @ 15°C Kg/L	0.868	0.870	0.872	0.876
Pour Point °C	-39	-36	-33	-33
Flash Point , (COC) °C	224	230	238	242
Air Release @ 50°C, min	2.5	3.5	4.5	5.5
Air Release @ 75°C, min	-	-	4.5	5.5
FZZ Pass Load Stage, Kg	10	10	10	10
Zinc Content, % w/w	0.04	0.04	0.04	0.04
Color ASTM	L2.0	L2.5	L3.0.	L3.0

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SAE GRADE	10	15	22	32	46
PRODUCT CODE	30309000100	30309000200	30309000300	30309000400	30309000600
	68	100	150		
	30309000800	30309001000	30309001100		



Handling, Health and Safety

- In normal conditions of use, this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- Prevent any splashing, and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off the used oil correctly; don't pour down drains, into watercourses or the soil.
- PetroGulf will not accept liability if the product is used other than in manner or with the precautions, or for the purpose specified. Before the product is used other than directed advice should be obtained from PetroGulf local office.