

PRODUCT TECHNICAL DATA SHEET

HUWAIT

Premium Quality Hydraulic Oils

PRODUCT DESCRIPTION

HUWAIT is a premium range of quality hydraulic fluids designed for service in Industrial high pressure hydraulic systems and mobile equipment. It is produced from highly refined paraffinic base stocks and provides excellent protection against wear in a wide range of pumps and in all the active hydraulic components. Designed to provide long fluid life and trouble free operation. Inhibited to protect the hydraulic system against corrosion and water displacement properties.

APPLICATIONS

- ★ A wide variety of industrial applications including hydraulic systems using vane, gear or piston pumps, some makes of rotary compressors, turbine worm gear units and machine tool hydraulic systems.
- ★ Mobile and construction equipment, marine deck equipment, hydrostatic transmissions, hydraulic drives and couplings, air-line lubricators, enclosed gears, etc., where an anti-wear performance is specified.

PERFORMANCE STANDARDS

HUWAIT meets and exceeds the following OEM and International specifications:

DIN	51524/2
AFNOR	NFE 48-603 HM
US Steel	127, 136
Denison	HF-2, HF-0
Cincinnati Milacron	P-68, P-69, P-70
Vickers	1-286-S3, M-2950-S
ISO	L- 6743-4 HM

HUWAIT viscosity grade should be selected according to the requirements of the application as specified by the equipment manufacturer.

DOCUMENT INFORMATION

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BENEFITS

HUWAIT provides:

- ★ Suitable for wide range of hydraulic applications
- ★ Outstanding hydraulic pump performance
- ★ Superior thermal and oxidation stability
- ★ Excellent hydrolytic stability and demulsibility characteristics
- ★ Protection against rust and corrosion
- ★ Effective control of foam and air release
- ★ Excellent wet and dry filterability

TECHNICAL DATA*

SAE Grade	15	22	32	37	46
Kinematic Viscosity:					
mm ² /s @ 40 °C	15	22	32	37	46
mm ² /s @100 °C	4.2	4.8	5.3	6.2	6.8
Viscosity Index	95	98	98	95	95
Flash Point COC, °C	170	190	206	210	210
Pour Point, °C	-24	-24	-18	-18	-15
FZG Damage Load Stage	11	11	11	11	11

SAE Grade	68	100	150	220	320
Kinematic Viscosity:					
mm ² /s @ 40 °C	68	100	150	220	320
mm ² /s @100 °C	8.7	11	14.7	16.8	25
Viscosity Index	95	95	95	95	99
Flash Point COC, °C	236	260	260	266	262
Pour Point, °C	-15	-15	-15	-15	-12
FZG Damage Load Stage	11	11	11	11	11

*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible.

HEALTH & SAFETY, ENVIRONMENT

The information on this product is available in the WOQOD Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.

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