



سان لتجارة الشحوم تش.ذم.م **SAN LUBRICANTS TRADING LLC**

PRODUCT DATA SHEET

Description

The GHAZAL Hydraulic Oil range are based upon mineral oil enhanced with a stabilized zinc additive system.

Application

GHAZAL Hydraulic is primarily for use in hydraulic equipment, but is suitable for other duties in which lubricants with good oxidation stability and lubrication performance are required. The quality of its base oils and additives permits the application of the GHAZAL Hydraulic range in lightly loaded gears and for use as circulating oil in applications where a rust and oxidation inhibited oil is required.

The GHAZAL Hydraulic oils meet the specification requirements of the Vickers vane-pump test, DIN 51524 Part 2 and is classified as DIN 51502 classifications – HLP & ISO 6743/4 – Hydraulic Oils Type HM. The range is fully compatible with elastomeric materials commonly used for static and dynamic seals, such as nitrile, silicone and fluorinated (e.g. Viton) polymers.

Advantages

Good anti-wear performance – prevents wear of internal components reducing downtime. Resistant to oxidation – extends service life. Good water separation – reduces downtime and prolongs lubricant life.

Typical Characteristics

Name	Method	Units	HydraulicOil46	HydraulicOil68
ISOViscosityGrade	-	-	46	68
Density@15C	ISO 12185 / ASTMD4052	g/ml	0.88	0.88
KinematicViscosity@40°C	ISO 3104 / ASTMD445	mm²/s	46	68
KinematicViscosity@100°C	ISO 3104 / ASTMD445	mm²/s	6.8	8.77



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ViscosityIndex	ISO 2909 / ASTMD2270	-	>95	>95
PourPoint	ISO3016/ ASTMD97	°C	-27	-27
FlashPoint-opencupmethod	ISO2592/ ASTMD92	°C	229	229
FoamSequenceI-tendency/ stability	ISO 6247 / ASTMD892	ml/ml	10/0	10/0
WaterSeparation@54°C(40/37/3)	ISO 6614 / ASTMD1401	minutes	15	15
AirRelease@50°C	ISO 9120 / ASTMD3427	minutes	8	8
Rust test - synthetic seawater (24 hrs)	ISO7120/ ASTM D665B			
		Rating	Pass	Pass
FZGGearScuffingtest-A/8.3/90	ISO14635-1	Failure Load Stage	12	12