



## TURALIK 41, 43, 48, 52, 69

**TURALIK Series** are industrial hydraulic oil formulated from high quality, High Viscosity Index (HVI) mineral base oil which contains performance additive in order to provide excellent wear control, foaming prevention, rust and corrosion protection.

*TURALIK Series adalah pelumas hidrolik yang diformulasikan dari base oil yang memiliki viscosity index yang tinggi dan mengandung performance additive yang lengkap untuk memberikan perlindungan terhadap keausan, mencegah terbentuknya busa, serta perlindungan karat dan korosi.*

TYPICAL CHARACTERISTICS				
Characteristics	Test Method	TURALIK 41	TURALIK 43	TURALIK 48
ISO Viscosity Grade		22	32	46
Density at 15 °C, kg/l	ASTM D - 4052	0.8680	0.8727	0.8830
Kinematic Viscosity at 40 °C, cSt	ASTM D - 445	23.02	32.07	46.29
	at 100 °C, cSt	4.56	5.48	7.02
Viscosity Index	ASTM D - 2270	114	109	106
ASTM Colour	ASTM D - 1500	L 1.0	L 1.0	L 2.0
Flash Point, °C	ASTM D - 92	212	219	220
Pour Point, °C	ASTM D - 5950	-21	-21	-18

TYPICAL CHARACTERISTICS			
Characteristics	Test Method	TURALIK 52	TURALIK 69
ISO Viscosity Grade		68	100
Density at 15 °C, kg/l	ASTM D - 4052	0.8860	0.8910
Kinematic Viscosity at 40 °C, cSt	ASTM D - 445	68.23	100.40
	at 100 °C, cSt	8.74	11.03
Viscosity Index	ASTM D - 2270	100	98
ASTM Colour	ASTM D - 1500	2.0	3.5
Flash Point, °C	ASTM D - 92	236	240
Pour Point, °C	ASTM D - 5950	-12	-12

### PERFORMANCE LEVELS

**TURALIK Series** meet industrial hydraulic equipment requirement or specification such as MAG Cincinnati Machine P-68 (approved for Turalik 43), P-69 (approved for Turalik 52) and P-70 (approved for Turalik 48), Denison HF-0, HF-2 (approved for Turalik 43, 48, 52) and Vickers I-286S and M-2950-S (approved for Turalik 43).

### TINGKATAN MUTU

*TURALIK Series memenuhi persyaratan atau spesifikasi hidrolik industri seperti MAG Cincinnati Machine P-68 (approved for Turalik 43), P-69 (approved for Turalik 52) dan P-70 (approved for Turalik 48), Denison HF-0, HF-2 (approved for Turalik 43, 48, 52) dan Vickers I-286S, M-2950-S (approved for Turalik 43).*

### APPLICATIONS

**TURALIK Series** are recommended for general hydraulic equipment also for circulating or oil baths lubrication systems. They should not be used with silver plated components.

### PENGUNAAN

*TURALIK Series disarankan penggunaannya untuk peralatan hidrolik umum, serta untuk pelumasan sistem sirkulasi atau sistem bath. Pelumas ini tidak dianjurkan untuk melumasi komponen yang dilapisi dengan perak.*