

น้ำมันไฮดรอลิกคุณภาพสูง

TURALIK Series 41, 43, 48, 52, 69 HIGH QUALITY HYDRAULIC OILS



เหมาะสำหรับ :

- ☑ อุปกรณ์ไฮดรอลิกทั่วไป
- ☑ ระบบหล่อลื่นแบบไหลเวียน (Circulating lubrication system)
- ☑ ระบบหล่อลื่นแบบอ่างน้ำมัน (Oil baths lubrication system)

คุณสมบัติ :

- ☑ เป็นน้ำมันไฮดรอลิกที่มีคุณภาพสูง
- ☑ ค่าดัชนีความหนืดสูง (HVI)
- ☑ มีสารเพิ่มประสิทธิภาพ (Additive) ช่วยป้องกันการกัดกร่อน การเกิดฟอง การเกิดสนิม ควบคุมการสึกหรอได้ดีเยี่ยม

ข้อควรระวัง : ไม่ควรใช้กับอุปกรณ์ที่มีส่วนประกอบชุบเงิน (Silver plated components)

PERFORMANCE LEVELS :

TURALIK Series has the following approvals :

- MAG Cincinnati Machine P-68 (approved for Turalik 43)
- MAG Cincinnati Machine P-69 (approved for Turalik 52)
- MAG Cincinnati Machine P-70 (approved for Turalik 48)
- Denison HF-0, HF-I, HF-2 (approved for Turalik 43, 48, 52)
- Eaton Vickers 1-286S and M-2950-S (approved for Turalik 43)

TURALIK Series meet the following requirements :

- DIN 51524 Part 2
- Bosch Rexroth
- JCMAS HK

*** Denison HF-0 is one of most severe pump test and our product approved by Parker Hannifin, France.



TURALIK Series

41, 43, 48, 52, 69

HIGH QUALITY HYDRAULIC OILS

PRODUCT DESCRIPTION

- ✓ **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 to meet a wide range of hydraulic equipments.
- ✓ **TURALIK Series** are designed to meet the needs of hydraulic equipment in providing excellent pump protection so the reliability and efficiency are optimally maintained.

SUPERIORITIES

- **Longer Equipment Lifetime :**
Good wear characteristic against metal-metal contact to extend vane, piston, and gear pump life.
- **Extended Filter and Oil Drain Interval :**
High oxidation stability to minimize oil breakdown in forming deposit, sludge, and oil thickening which can further caused filter clogging.
- **Reduced Downtime And Maintenance Cost :**
Excellent protection against varnish, rust and corrosion to ensure optimum hydraulics performance and cleaner system.
- **Provide Optimum Performance :**
Excellent foaming prevention, air release properties, and water separation to minimize pump cavitation.

APPLICATION

- ✓ **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.
Please refer to the manufacturer's specifications when selecting products.

TYPICAL CHARACTERISTICS						
Characteristics	Test Method	TURALIK				
		41	43	48	52	69
ISO Viscosity Grade		22	32	46	68	100
Density @ 15°C, kg/l	ASTM D - 4052	0.8680	0.8727	0.8830	0.8860	0.8910
Kinematic Viscosity,						
40°C, cSt	ASTM D - 445	23.02	32.07	46.29	68.23	100.40
100°C, cSt	ASTM D - 445	4.56	5.48	7.02	8.74	11.03
Viscosity Index	ASTM D - 2270	144	109	106	100	98
ASTM Colour	ASTM D - 1500	L1.0	L1.0	L2.0	L2.0	L3.5
Flash Point °C	ASTM D - 92	212	219	220	236	240
Pour Point, °C	ASTM D - 5950	-21	-21	-21	-21	-21
Copper Strip Corrosion	ASTM D - 130	1A	1A	1A	1A	1A
Rust Preventive	ASTM D - 665A	Pass	Pass	Pass	Pass	Pass
Water Separability, minute	ASTM D - 1401	40/40/0(10')	40/40/0(15')	40/40/0(15')	40/40/0(20')	40/40/0(10')
Foaming Tendency/Stability						
Sequence I, (ml/ml)		0/0	0/0	0/0	0/0	0/0
Sequence II, (ml/ml)	ASTM D - 892	10/0	20/0	10/0	10/0	10/0
Sequence III, (ml/ml)		0/0	0/0	0/0	0/0	0/0
Total Acid Number, mgKOH/g	ASTM D - 664	0.80	0.79	0.76	0.75	0.75