

# INDUSTRIAL GEAR OILS, HYDRAULIC OILS & TURBINE OILS

- *Masri RG Series*
- *Turalik Series*
- *Turalik C Series*
- *Turbolube Series*

## MASRI RG PELUMAS RODA GIGI INDUSTRI

### TYPICAL CHARACTERISTIC

### KARAKTERISTIK TIPIKAL

No.	Typical Characteristic	Testing Method	MASRI RG						
			68	100	150	220	320	460	680
1	ISO Viscosity Grade		68	100	150	220	320	460	680
2	Density at 15 °C (kg/L)	D-4052	0.8830	0.8870	0.8896	0.8933	0.8959	0.9015	0.9122
3	Viscosity Kinematic, at 40 °C, cST at 100 °C, cST	D-445	66.61	99.07	143.70	213.70	293.0	461.1	667.80
		D-445	8.19	11.16	14.47	18.63	23.5	30.74	37.32
4	Viscosity Index	D-2270	109	98	99	97	100	96	91
5	Colour ASTM	D-1500	L3.0	L3.5	L3.5	L3.5	L3.5	L4.0	L7.0
6	Flash Point (°C)	D-92	237	248	250	258	260	268	249
7	Pour Point (°C)	D-5950	-15	-15	-15	-15	-15	-15	-6

## TURALIK PELUMAS HIDROLIK

### TYPICAL CHARACTERISTIC

### KARAKTERISTIK TIPIKAL

No.	Characteristic	Testing Method	Turalik 41	Turalik 43	Turalik 45	Turalik 48	Turalik 52	Turalik 69
1	ISO Viscosity Grade		22	32	37	46	68	100
2	Kinematic Viscosity, at 40 °C, cSt at 100 °C, cSt	D-445	21.82	30.40	35.15	46.29	65.54	95.61
		D-445	4.33	5.17	5.80	7.02	8.47	11.14
3	Viscosity Index	D-2270	105	98	106	109	101	103
4	Colour ASTM	D-1500	0.868	0.873	0.877	0.876	0.885	0.890
5	Flash Point (COC), °C	D-92	0.5	L1.0	L1.0	1.0	L1.0	L1.5
6	Pour Point, °C	D-5950	180	219	220	220	236	240
7	Total Base Number (TBN), mg KOH/g	D-2896	-30	-30	-30	-30	-30	-24

## TURALIK C MINYAK LUMAS HIDROLIK

### TYPICAL CHARACTERISTIC

### KARAKTERISTIK TIPIKAL

No.	Characteristic	Testing Method	Turalik C-5	Turalik C-10	Turalik C-22	Turalik C-68	Turalik C-100	Turalik C-150	Turalik C-220	Turalik C-320
1	ISO Viscosity Grade		5	10	22	68	10	150	220	320
2	Kinematic Viscosity, at 40 °C, cSt at 100 °C, cSt	D-445	4.55	9.96	22.02	64.28	94.92	149.89	214.3	313.62
		D-445	1.71	2.49	4.19	8.40	10.86	14.82	18.54	23.89
3	Viscosity Index	D-2270	-	63	86	100	98	98	96	96
4	Colour ASTM	D-1500	0.836	0.882	0.876	0.882	0.883	0.887	0.892	0.900
5	Flash Point (COC), °C	D-92	1.0	0.5	L1.0	1.0	1.5	1.5	1.5	1.5
6	Pour Point, °C	D-5950	93	143	183	240	245	245	248	252
7	Total Base Number (TBN), mg KOH/g	D-2896	-42	-30	-30	-21	-21	-9	-9	-9

## TURBOLUBE PELUMAS MESIN TURBIN

### TYPICAL CHARACTERISTIC

### KARAKTERISTIK TIPIKAL

No.	Typical Characteristics	Testing Method	TURBOLUBE			
			32	46	68	100
1	No. SAE					
2	Density at 15 °C (kg/L)	D-4052	0.8568	0.8665	0.8786	0.8742
3	Viscosity Kinematic, at 40 °C, cST at 100 °C, cST	D-445	32.07	46.64	68.29	94.50
		D-445	5.74	7.10	8.93	11.11
4	Viscosity Index	D-2270	121	111	104	102
5	Colour ASTM	D-1500	L0.5	L0.5	L0.5	L1.5
6	Flash Point (°C)	D-92	121	121	234	234
7	Pour Point (°C)	D-5950	-12	-12	-12	-12