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By Appointment to
Her Majesty the Queen
Lubricant Blenders & Paint Suppliers
Witham Oil & Paint Ltd, Lincoln

witham

TECHNICAL DATA SHEET

QUALUBE MULTI GRADE GEAR OILS

Qualube Multi EP Gear Oils are manufactured using high viscosity index paraffinic base oils and various additives to give the required product.

Qualube Multi EP Gear Oils are extreme pressure gear oils formulated to give increased extreme pressure properties to cope with the more arduous conditions found in certain transmissions and final drives.

Qualube Multi EP Gear Oils meet or exceed the following specifications:

API GL-4 DC 235.1 MAN 341 Z-1 ZF TE-ML 02A, 16A, 17B & 19A

Typical Test Data:

Viscosity Grade	**80W/90**	**75W/90**	**85W/140**
Density @ 15.6ºC	0.8867	0.8697	0.9060
Cst: @ 40ºC	186.58	124.10	418.82
Cst: @ 100ºC	17.88	15.15	30.09
Viscosity Index	105	126	101
L38 Shear @ 100ºC	NO DATA	10.7408	NO DATA
Inj Shear @ 100ºC	NO DATA	9.8595	NO DATA
NOACK Volatility	4.5	9.8	1.0
ASTM Volatility	2.9	5.1	2.9
cP @ -5ºC	5720	2363	20160
cP @ -10ºC	10101	3718	37691
cP @ -15ºC	18729	7412	76836
cP @ -20ºC	36666	12002	160652
cP @ -25ºC	76242	22742	361245
cP @ -30ºC	191106	48889	1041544
HTHS @ 150ºC	4.3350	3.8700	6.6066

Manufacturers of Quality Lubricants & Paints since 1921

THE WITHAM GROUP

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