



# Technical Data Sheet

## RILCO HD30 Motor Oil

**SUMMIT HD30 Motor Oil** is an API licensed, premium quality, heavy-duty engine oil. **SUMMIT HD30 Motor Oil** is formulated from premium quality base stocks and advanced additive technology, providing the highest levels of equipment protection available. **SUMMIT HD30 Motor Oil** meet the Caterpillar ECF-1 specification.

**SUMMIT HD30 Motor Oil** are available in 5 viscosity grades to comply with virtually all equipment applications. Equipment manufacturers' recommendations and conventional guides to lubricant selection should be followed to determine the best **SUMMIT HD30 Motor Oil** grade for a specific application.

### FEATURES

- Excellent protection from deposits at all operating temperatures
- Excellent bearing corrosion protection (EGR critical)
- Excellent anti-wear properties
- Excellent anti-foam properties
- Excellent anti-rust properties
- Excellent soot control
- Extended drain capable

### APPLICATIONS

**SUMMIT HD30 Motor Oil** may be recommended for the following uses (see applications chart on page 2):

- When CI-4, CH-4, CG-4, CF-4, CF, CF-2, CE, CD-II oils are required
- When SL, SJ, SH, SG, SF, SE, SD or SC oils are required
- When a U.S. Military CID A-A-52306 performance level is required
- When MIL-Prf-2 1 04G oils performance level is required
- When former MIL-L-46 1 52D oils performance level is required
- When GM 471 8M/6094M and Ford M2C 1 53-E oils are required.



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### APPLICATIONS

- In truck diesel engines, including turbo-charged models
- In Detroit Diesel 7SE 270, series 51, 71 and 92 engines
- Detroit Diesel Closed Crankcase Application TSB 01 -TS-07
- In Caterpillar ECF- 1, Navistar and Volvo engines
- In Mack engines (EO-N, EO-M Plus, EO-M, EO-L Plus, EO-L)
- In Cummins engines CES 20071, 20076, 20078
- In gasoline engines
- In Caterpillar drive trains (TO-2)
- When Allison C-3/C-4 fluids are required
- In Fuller, Eaton and Spicer transmissions (SAE 50 preferred)

APPLICATIONS	
ALLISON	C4, C3
CATERPILLAR	ECF-1, S-3, TO-2, 1K, 1N, 1R
CHRYSLER	MS63 95G
CUMMINS	CES 20071, CES 20076, CES 20077, CES 20078
DETROIT DIESEL	2 and 4 Cycle 6V92TA
FORD	M2C153G
GM	6094 M, 6.2 Liter
JOHN DEERE	4-Cycle Diesel & Gasoline Engines
KOMATSU	Diesel Engines
MACK	EO-N, EO-M Plus, EO-M, EO-L PLUS, EO-L
NAVISTAR	Naturally aspirated, Turbo charge
VOLVO	VDS-2, VDS

### TECHNICAL DATE

SAE GRADE	15W-40	SAE 10W	SAE 30	SAE 40	SAE 50
Product Code	317	315	312	313	314
Borderline Pumping Temp, °C	-20	-25	-	-	-
Viscosity @ 100°, cSt	15.5	7	11.5	15.5	20.5
Viscosity, SUS @ 210°F	81.6	49.7	66	82	103.4
Viscosity Index	135	120	110	105	100
API Gravity	30	30.5	30	28.5	27
Pour Point: °C	-30	-36	-24	-15	-15
Total Base No.					
D2896	11	8	8	8	8
D4739	10				
API Licensed Service	CI-4, CH-4, CG-4, CF-4, CF-2, CE, SL, SL, SJ	CF, CD, SL	CF, CF-2, CD-II, SL, SJ, SH	CF, CF-2, CD-II, SL, SJ	CF, CF-2, CD-II, SL, SJ, SH