



#4158 SAE 15W40
 #4160 SAE 10W30
 #4198 SAE 30
 ALL FLEET T

CHAMPION ALL FLEET T® motor oils are single and multi-grade high VI and high TBN oils manufactured from “new generation” Group II hydrocracked base oils. These stocks are then blended with the latest “advanced technology” additives to exacting specifications to produce some of the finest lubricating oils available today. Champion All Fleet T motor oils are formulated to exceed the requirements of all major diesel and gasoline engine manufacturers, for both naturally aspirated and turbo charged engines. These superior fleet motor oils provide protection under the most severe operating conditions, including extended drain intervals.

CHAMPION ALL FLEET T® motor oils exceed the requirements of API engine service classifications SL and CF, Detroit Diesel and major foreign engine manufacturers. Additionally, SAE 10W30 and SAE 15W40 meet API CH-4 and CI-4, Volvo VDS, Mack EO-M Plus and Cummins CES20078. SAE 15W40 also meets Volvo VDS-2 and Cummins CES 20077. SAE 30 meets the service requirements of API CF-2 and Caterpillar TO-2 and S-3. Champion All Fleet motor oils meet the requirements for Allison Transmission C-4. Champion All Fleet T 15W40 also meets the global diesel engine oil performance specification, Global DHD-1.

TYPICAL SPECIFICATIONS

Product Code	4158	4160	4198
SAE	15W40	10W30	30
Gravity API @ 60° F	29.0	30.0	28.0
Viscosity:			
cSt @ 40° C	113	68	85
cSt @ 100° C	15.2	10.6	10.7
Viscosity Index	140	138	110
Low Temp CCS			
cP @ °C Max	7000@ -20	7000@ -25	N/A
Pour Point °F	-30	-35	-10
Flash Point °F	420	410	440
Color	Blue	Blue	Amber
Sulfated Ash % Wt	1.6	1.6	1.6
Total Base Number (TBN) ASTM D-2896	13.2	13.2	13.2

Available in:

#4158A - 55 gal	#4160A - 55 gal	#4198A - 55 gal
#4158B - 30gal	#4160H - 12/1 qt	#4198D - 5 gal
#4158D - 5 gal		#4198U - 2/2.5 gal
#4158U - 2/2.5 gal		#4198N - 4/1 gal
#4158N - 4/1 gal		#4198H - 12/1 qt
#4158H -12/1 qt		

4158

EFFECTIVE 0802